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# DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

TOKYO IAP JAPAN/HONSHU N 35 33 E 139 46

ELEV 17 FT

RJTT

WBAN# 43311 WMO# 47671

PARTS A-F

POR FROM HOURLY OBS: SEP-OCT 46, DEC 46-AUG 55, JAN 56-DEC 60, MAR 67-MAR 68, AUG 68-DEC 72
POR FROM DAILY OBS: SEP-OCT 46, DEC 46-AUG 55, JAN 56-DEC 60

MAR 28 1974

FEDERAL BUILDING ASHEVILLE, N. C.

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WAYNE E/MCCOLLOM, Chief Technical Information Section

USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN
AWS Scientific and Technical

Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE (Hiten Date Entered)

| REPORT DOCUMENTATION PA   | \GE   | READ INSTRUCTIONS BEFORE COMPLETING FORM   |
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| HCAMPTAG ING  | GOVT ACCESSION NO.  | 3. RECIPIENT'S CATALOG NUMBER  |
| USAFETAC/US- 81/015   |   | 5 TYPE OF REPORT & PERIOD COVERED  |
| Revised Uniform Summary of Surface We   | eather  | Final rept.  |
| Observations (RUSSWO)-  |   | 6. PERFORMING ORG REPORT NUMBER  |
| Tokyo IAP, Honoshu, Japan   |   |  |
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| Air Force Environmental Technical App   | ol. Center  |  |
| Scott AFB IL 62225  |   | 12 REPORT DATE   |
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| Approved for public release; distr  | ribution unlimi   | ted.   |
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| 18 SUPPLEMENTARY NOTES  |   |  |
|   |   |  |
|   |   |  |
| 19 KEY WORDS (Continue on tevers and if necessary and it RUSSWO Daily temperatur  | dentify by block number)  |  |
| ^kusswu   Daily temperatur<br>  Snowfall   Extreme snow der   |   | spheric pressure<br>reme surface winds   |
| Climatology Sea-level pressu  | ure Psyc  | hrometeric summary   |
| Surface Winds Extreme temperate Relative Humidity *Climatological c   | ture Ceil<br>data   | ing versus visibility (over)   |
| 20. ABSTRACT (Continue on reverse side if necessary and id<br>This report is a six-part statisitica<br>Tokyo IAP, Honshu, Japan   | depilly by block number) al summary of s                              | urface weather observations fo   |
| It contains the following parts: (A) (B) Precipitation, Snowfall and Snow (C) Surface winds; (D) Ceiling versus Summaries (daily maximum and minimum temperatures, psychrometric summary of dry-bulb temperature, means and stand | Depth (daily a<br>s Visibility; S<br>temperatures,<br>of wet-bulb tem | mounts and extreme values);<br>Gky Cover; (E) Psybrometric<br>extreme maximum and minimum<br>operature depression versus |

- 19. Percentage frenquency of distribution tables
  Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

UNCLASSIFIED

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Larly observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Sciented from record-special, local, summary of the day, remarks, etc.)

#### **DESCRIPTION OF SUMMARIES**

Preceding each section is a bring description of the data comprising each part of the Revised Uniform Jummary of Jurface Weather Justices and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. J. Jervices and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

#### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

#### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

| JANUARY  | APRIL | TULY      | OCTOBER  |
|----------|-------|-----------|----------|
| FEBRUARY | MAY   | AUGUST    | NOVEMBER |
| MARCH    | JUNE  | SEPTEMBER | DECEMBER |
|          | _     |           |          |

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S74 29958

DATA IN THESE TABULATIONS FOR THE PERIOD FROM JANUARY 1971 AND LATER HAVE NOT RECEIVED THE SAME, COMPRE-HENSIVE MANUAL AND COMPUTER QUALITY EDITING PROCEDURES DURING PROCESSING AT OL A (DATA PROCESSING BRANCH) AS DID THE OBSERVATIONS FOR EARLIER PERIODS INCLUDED IN THE STUDIES.

SUSPECT CASES OR QUISTIONABLE VALUES MAY OCCUR IN THE 1971 AND LATER DATA, AND APPEAR IN THE TABULATIONS AS A PROCEDURAR FRECUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THE EXTREME VALUES MAY OR MAY NOT BE CONTLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

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#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAM sources).

Pust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

A - 2

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#### **WEATHER CONDITIONS**

43311 STATION

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TOKYO IAP JAPAN/HONSHU STATION NAME

46-60,67-72

ALL

HINOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER COMDITIONS FROM HOURLY OBSERVATIONS

| нтиом  | HOURS<br>(LST.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZŁE | FREEZING<br>RAIN & /OR<br>**RIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG         | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|-----------------|--------------------|---------------------------|------------------------------------|-------------------------|------|-----------------------------|-------------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| МДЦ    | ALL             | .0                 | 6.8                       |                                    | 1.4                     |      | 7.9                         | 3.7         | 35.4                    |                 | •1                     | 37.5                               | 13619                 |
| FEB    |                 | •0                 | 8.9                       | , 0                                | 3.2                     | .0   | 11.7                        | <b>5</b> ,5 | 30,5                    | •0              | .2                     | 34.2                               | 12404                 |
| MAR    |                 | .0                 | 11.9                      | •0                                 | 1.7                     | •0   | 12.8                        | 5,9         | 24.8                    |                 | .3                     | 28.9                               | 14375                 |
| APR    |                 | •1                 | 15.1                      |                                    | .1                      |      | 15.1                        | 7,5         | 23.0                    |                 | • 2                    | 27.9                               | 13274                 |
| НΔΥ    |                 | •1                 | 14.4                      |                                    |                         |      | 14.4                        | 8.4         | 22.0                    |                 | •1                     | 26.8                               | 13817                 |
| 11111  |                 | .1                 | 20.4                      | !<br>!                             |                         | •0   | 20,4                        | 11.4        | 24.2                    |                 | 2                      | 31.9                               | 1290                  |
| JUL    |                 | , 3                | 13.2                      |                                    |                         |      | 13.2                        | 8,3         | 24.3                    |                 | .1                     | 29.4                               | 1362                  |
| AUG    |                 | . 4                | 10.1                      |                                    |                         |      | 10.1                        | 6.6         | 22.3                    |                 | .0                     | 26.9                               | 1421                  |
| SEP    |                 | . 7                | 15.5                      |                                    |                         |      | 15.5                        | 9,5         | 22.3                    |                 | •0                     | 27.8                               | 1378                  |
| OCT    |                 | .1                 | 17.4                      |                                    |                         |      | 17.4                        | 9,6         | 26.1                    |                 | •0                     | 32.0                               | 1444                  |
| NOV    |                 | .1                 | 10.7                      |                                    | •0                      |      | 10,7                        | 6.5         | 37.2                    |                 | .1                     | 40.4                               | 1325                  |
| CEC    |                 | .1                 | ć <sub>0</sub> 5          |                                    | . 2                     |      | 6,7                         | 5,5         | 42,5                    |                 | •0                     | 45.4                               | 1443                  |
| TOTALS |                 | . 1                | 12.6                      | .0                                 | . 5                     | •0   | 13.0                        | 7.4         | 27.9                    | .0              | .1                     | 32.4                               | 164160                |

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#### **WEATHER CONDITIONS**

43311

2

TOKYO IAP JAPAN/HUNSHU

47-60,68-72

JAN

STATION

STATION NAME

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HINOM

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| ніиом  | HOURS<br>(L S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FÓG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO, OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAL    | 00-02             | • 1                | 6.7                       |                                   | 1.4                     |      | 7,9                         | 3.8 | 35.1                    |                 |                        | 37.0                               | 1702                    |
|        | 03-05             |                    | 6.4                       |                                   | 1.5                     |      | 7,6                         | 3.7 | 26.0                    |                 |                        | 27.7                               | 1711                    |
|        | 06=08             |                    | ٤.3                       |                                   | 1,4                     |      | 7.5                         | 4.9 | 48.4                    |                 | .1                     | 51.1                               | 1703                    |
|        | 09-11             |                    | 7.1                       |                                   | 1.7                     |      | 8.3                         | 4.2 | 56.9                    |                 |                        | 39.6                               | 1701                    |
|        | 12-14             |                    | 6,3                       |                                   | 1.6                     |      | 7.5                         | 2.6 | 30.8                    |                 | .2                     | 32.8                               | 1706                    |
|        | 15-17             | • 1                | 7.1                       |                                   | 1.2                     |      | 7,9                         | 3.0 | 23.0                    |                 | .1                     | 25.0                               | 1699                    |
|        | 18+20             | •1                 | 7.6                       |                                   | 1.1                     |      | 8.7                         | 3.1 | 27.7                    |                 | •1                     | 29.8                               | 1696                    |
|        | 21-23             |                    | 6.9                       |                                   | 1.1                     |      | 7,9                         | 4.1 | 35,4                    |                 |                        | 37.3                               | 1699                    |
|        |                   |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                         |
| TOTALS |                   | •0                 | 6.8                       |                                   | 1.4                     |      | 7,3                         | 3,7 | 35,4                    |                 | •1                     | 37.5                               | 13619                   |

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#### **WEATHER CONDITIONS**

43311

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TORYL IAP JAP " / HONSHU

47-20,68472

FEB

STATION

STATION NAME

VEARS

MONTH

PERCENTAGE FREQUENCY OF OCCUPATIONS OF WEATHER CUNDITIONS FPT MOURLY LOSERVATIONS

| P-100M | HOURS<br>(151) | THU'₁CER∙<br>S! RIAS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>PAIN & /OR<br>Dh17ZLE | SNOW<br>AND/OR<br>SLEET | HAR | タウン 1 ifin [<br>PREC | ∙აe | MACKE<br>AND OR<br>HAZE | 8LOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS. |
|--------|----------------|----------------------|---------------------------|-----------------------------------|-------------------------|-----|----------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| Ffis   | 00-02          | . •                  | 9.4                       |                                   | 2.5                     |     | 11.4                 | 4,3 | 29,2                    |                 |                        | 31.7                               | 1548                   |
|        | 13=.)"         | •1                   | 8.8                       | 1                                 | . ,                     |     | 11.5                 | 4.6 | 22,6                    | . 1             |                        | 25.4                               | ( 554                  |
|        | 66-08          | ٠ ٤                  | P . 7                     |                                   | 4.(                     |     | 12.0                 | 7.9 | 47.8                    |                 | .1                     | 52.1                               | 1539                   |
|        | 09-11          |                      | 8.3                       |                                   | 4,2                     |     | 11.8                 | 6.3 | 49.4                    |                 | • 1                    | 53.9                               | 1551                   |
|        | 12-14          |                      | 9,6                       |                                   | 3.8                     |     | 12.9                 | 5.2 | 27.8                    |                 | .4                     | 32.3                               | 1556                   |
|        | 15-17          |                      | 9,5                       |                                   | 3.5                     | .1  | 11.9                 | 4.8 | 17.7                    |                 | .6                     | 21.5                               | 156                    |
|        | 18-20          |                      | 8.5                       |                                   | 2,8                     |     | 11.0                 | 5.5 | 19.8                    |                 | . 2                    | 23.5                               | 1550                   |
|        | 21-23          |                      | 8.5                       |                                   | 2.3                     |     | 10.7                 | 5.6 | 29.6                    | •1              |                        | 32.8                               | 154                    |
|        |                |                      |                           |                                   |                         |     |                      |     |                         |                 |                        |                                    |                        |
|        |                |                      |                           |                                   |                         |     |                      |     |                         |                 |                        |                                    |                        |
| TOTALS | •              | •0                   | 8.9                       | •0                                | 3.2                     | • 0 | 11.7                 | 5.5 | 30.5                    | •0              | . 2                    | 34.2                               | 1240                   |

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#### **WEATHER CONDITIONS**

43311

2

TUKYE TAP JAPAN/HUNSHU

47-60,67-72

MAR

STATION

STATION NAME

YFAS

HINOM

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| нтиом  | HOURS<br>(L.S.T.) | THUNDER,<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | 80G | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| MAR    | 00-02             |                    | 13.4                      |                                   | 1.5                     |      | 14.1                        | 5.4 | 21.7                    |                 |                        | 24.6                               | 1791                   |
|        | 03-05             |                    | 11.8                      |                                   | 1.8                     |      | 13.0                        | 5.1 | 18.4                    |                 |                        | 21.7                               | 1787                   |
|        | 06-08             |                    | 10.6                      |                                   | 2.0                     |      | 12.0                        | 9.0 | 45.7                    |                 |                        | 51.5                               | 1791                   |
|        | 09-11             |                    | 9.8                       | . 1                               | 1.4                     |      | 10.9                        | 6,6 | 41.1                    |                 | . 3                    | 45.7                               | 1797                   |
|        | 12-14             |                    | 11.7                      |                                   | 1.2                     |      | 12.6                        | 5,5 | 22.0                    |                 | .8                     | 26.2                               | 1807                   |
|        | 15-17             | • 1                | 11.8                      |                                   | 1.0                     |      | 12.4                        | 5.3 | 14.8                    |                 | .6                     | 18.9                               | 1812                   |
|        | 18-20             |                    | 13.0                      |                                   | • 7                     |      | 13.4                        | 5.5 | 16.0                    |                 | .2                     | 20.2                               | 1805                   |
|        | 21-23             | . 1                | 13.2                      |                                   | 1.1                     | .1   | 14.0                        | 4.9 | 18.8                    |                 | •1                     | 22.2                               | 1785                   |
|        |                   |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                        |
|        |                   |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                        |
| TOTALS |                   | •0                 | 11,9                      | •0                                | 1.3                     | •0   | 12.8                        | 5.9 | 24.8                    |                 | , 3                    | 28.9                               | 14375                  |

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#### **WEATHER CONDITIONS**

43311

1

TOKYL TAP JAPAN/FORSHU

47-60,67,69-72

ΔPR

STATION

STATION NAME

YEARS

HINON

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| монтн  | HOURS<br>(L.S T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLÉ | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO, OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR    | 00-02             |                    | 16.5                      |                                   |                         |      | 16.5                       | 7.2  | 19.5                    |                 |                        | 23.4                               | 1662                    |
|        | 03-05             |                    | 16.5                      |                                   |                         |      | 16,5                       | 10.1 | 22,5                    |                 |                        | 28.3                               | 1659                    |
|        | 06+08             |                    | 16.4                      |                                   | • 2                     |      | 16.6                       | 12.7 | 46.2                    |                 | .1                     | 54.4                               | 1651                    |
|        | 09-11             | . 3                | 14.6                      |                                   | • 1                     |      | 14.6                       | 7.2  | 36.4                    |                 | .3                     | 41,6                               | 1662                    |
|        | 12-14             |                    | 13.8                      |                                   | • 1                     |      | 13.8                       | 6.1  | 18.6                    |                 | ,4                     | 23,1                               | 1660                    |
|        | 15-17             | .1                 | 14.8                      |                                   | • 1                     |      | 14.8                       | 6.5  | 13.8                    |                 | ,5                     | 19.1                               | 1668                    |
|        | 18-20             | . 2                | 14.7                      |                                   | . 2                     |      | 14.7                       | 5,7  | 13,4                    |                 | .3                     | 17.4                               | 1660                    |
|        | 21-23             | •1                 | 13.4                      |                                   | •1                      |      | 13,4                       | 4.5  | 13.4                    |                 |                        | 16.0                               | 1652                    |
|        |                   |                    |                           |                                   |                         |      |                            |      |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                   |                         |      |                            |      |                         |                 |                        |                                    |                         |
| TOTALS |                   | .1                 | 15.1                      |                                   | •1                      |      | 15.1                       | 7.5  | 23.0                    |                 | .2                     | 27.9                               | 1327                    |

USAFETAC  $_{\text{RJY 64}}^{\text{FORM}}$  0-10-5 (OL-1), previous editions of this form are obsolete

#### **WEATHER CONDITIONS**

43311

TOKYC TAP JAPAN/HONSHU

47-60,67,69-72

MAY

STATION

STATION NAME

YFADS

ниом

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| монтн  | HOURS<br>(L S T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO V.SION | TOTAL<br>NO OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| ΥΔΥ    | 00-02             | . 2                | 14.3                      |                                   |                         |      | 14.3                        | 7.6  | 18.5                    |                 |                        | 22.0                               | 1728                   |
|        | 03-05             |                    | 14.8                      |                                   |                         |      | 14,8                        | 14.0 | 27.1                    |                 |                        | 34,4                               | 1719                   |
|        | 06-08             |                    | 14.8                      |                                   |                         |      | 14,8                        | 14.1 | 45.6                    |                 |                        | 53.7                               | 1720                   |
|        | 09-11             |                    | 14.7                      |                                   |                         |      | 14.7                        | 8.9  | 30.1                    |                 | .1                     | 35.3                               | 1726                   |
|        | 12-14             | . 2                | 14.7                      |                                   |                         |      | 14.7                        | 6.0  | 13.3                    |                 | .3                     | 17.6                               | 1717                   |
|        | 15-17             | . 2                | 14.2                      |                                   |                         |      | 14.2                        | 5,4  | 12.5                    |                 | .2                     | 15,8                               | 1741                   |
|        | 18-20             | . 1                | 14.2                      |                                   |                         |      | 14,2                        | 5.6  | 14.5                    |                 | .1                     | 18.2                               | 1735                   |
|        | 21-23             | .2                 | 13,7                      |                                   |                         |      | 13.7                        | 5.4  | 14.2                    |                 |                        | 17.4                               | 1731                   |
|        |                   |                    |                           |                                   |                         |      |                             |      |                         |                 |                        |                                    |                        |
|        |                   |                    |                           |                                   |                         |      |                             | ·    |                         |                 |                        |                                    | <u>,</u>               |
| TOTALS |                   | . 1                | 14.4                      |                                   |                         |      | 14.4                        | 8,4  | 22.0                    |                 | •1                     | 26,8                               | 13817                  |

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM AIC OBSOLETE

#### **WEATHER CONDITIONS**

43311

TUKY! IAP JAPAN/HUNSHU

47-60,67,69-72

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STATION

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PERCENTAGE EREQUENCY TO UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| нтиом  | HOURS<br>(L S T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JUN    | 00=02             | •1                 | 22,2                      |                                   |                         | •1   | 22.3                       | 11.3 | 19.4                    |                 |                        | 26.5                               | 1625                   |
|        | 03-05             | , 1                | 22.8                      |                                   |                         |      | 22.8                       | 17.3 | 25.9                    |                 |                        | 36.1                               | 1621                   |
|        | 06-08             |                    | 21,5                      |                                   |                         |      | 21.5                       | 20,5 | 40.4                    |                 |                        | 53.6                               | 1611                   |
|        | 09-11             |                    | 19.1                      |                                   |                         |      | 19.1                       | 11.3 | 32.7                    |                 | . 2                    | 41.1                               | 1598                   |
|        | 12-14             | . 2                | 19.1                      |                                   |                         |      | 19.1                       | 6.6  | 20.4                    |                 | .4                     | 26.0                               | 1597                   |
|        | 15-17             | • 2                | 17.6                      |                                   |                         |      | 17.6                       | 6.0  | 20.0                    |                 | _ ,6                   | 24.8                               | 1621                   |
|        | 18-20             | .1                 | 19.5                      |                                   |                         |      | 17.5                       | 8.2  | 19.6                    |                 | . 2                    | 25.0                               | 1616                   |
|        | 21-23             |                    | 21.1                      |                                   |                         |      | 21,1                       | 9.9  | 15.4                    |                 | •1                     | 21.9                               | 1614                   |
|        |                   |                    |                           |                                   |                         |      |                            |      |                         |                 |                        |                                    |                        |
| TOTALS |                   | •1                 | 20,4                      |                                   |                         | .0   | 20.4                       | 11.4 | 24,2                    | 0               | . ,2                   | 31.9                               | 12903                  |

USAFETAC FORM 0 10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **WEATHER CONDITIONS**

43311

2

TORYO IAP JAPAN/HONSHU

47-60,67,69-72

JUL

STATION

STATION NAME

YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

| нтиом  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JUL.   | 00-02             | . 3                | 15.5                      |                                   |                         |      | 15.5                        | 6.9  | 17.7                    |                 |                        | 22.0                               | 1696                   |
|        | 03-05             |                    | 15.9                      |                                   |                         |      | 15.9                        | 16.9 | 25.2                    |                 |                        | 34.8                               | 1703                   |
|        | 06-08             | . 1                | 14.3                      |                                   |                         |      | 14.3                        | 19.5 | 41.1                    |                 | , 1                    | 52.3                               | 1707                   |
|        | 09-11             |                    | 11.6                      |                                   |                         |      | 11.6                        | 8.3  | 33.7                    |                 | • 1                    | 39.4                               | 1701                   |
|        | 12-14             | . 3                | 11.6                      |                                   |                         |      | 11.6                        | 2.9  | 22.6                    |                 | , 2                    | 25.0                               | 1701                   |
|        | 15-17             | . 4                | 10.8                      |                                   |                         |      | 10.8                        | 3,3  | 18.9                    |                 | , 2                    | 21,2                               | 1699                   |
|        | 18-20             | 1.0                | 12.9                      |                                   |                         |      | 12.9                        | 4.4  | 20.6                    |                 | .1                     | 23.6                               | 1718                   |
|        | 21-23             | . 5                | 13.3                      |                                   |                         |      | 13,3                        | 3,9  | 14.6                    |                 | • 1                    | 17.1                               | 1703                   |
|        |                   |                    |                           |                                   |                         |      |                             |      |                         |                 |                        |                                    |                        |
|        |                   |                    |                           |                                   |                         |      |                             |      |                         |                 |                        |                                    |                        |
| TOTALS |                   | , 3                | 13.2                      |                                   |                         |      | 13,2                        | 8.3  | 24.3                    |                 | . 1                    | 29.4                               | 13628                  |

USAFETAC  $_{JRY\,64}^{FORM}$  0-10-5 (OL-1), previous editions of this form are obsolete

#### **WEATHER CONDITIONS**

43311

TOKYU TAP JAPAN/HUNSHU

47-60,67-72

ΛUG

STATION

STATION NAME

YEARS

HTHOM

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| HTHOM  | HOURS<br>(LST.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>AND/OR<br>HAZE | 8LOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| AUG    | 00-02           | .3                 | 10,8                      |                                   |                         |      | 10.8                       | 5.3  | 17.0                    |                 |                        | 20.7                               | 1781                   |
|        | 03-05           | •1                 | 10.6                      |                                   |                         |      | 10.6                       | 11.2 | 23.1                    |                 |                        | 30.2                               | 1770                   |
|        | 06=08           | •1                 | 11.0                      |                                   |                         |      | 11.0                       | 15.8 | 42,6                    |                 |                        | 53.0                               | 1767                   |
|        | 09-11           | • 3                | 9,9                       |                                   |                         |      | 9,9                        | 6.2  | 32.0                    |                 |                        | 36.6                               | 1782                   |
|        | 12-14           | • 1                | 8.9                       |                                   |                         |      | 8,9                        | 4.5  | 18,7                    |                 | . 1                    | 22.4                               | 1781                   |
|        | 15-17           | .7                 | 9.1                       |                                   |                         |      | 9.1                        | 3.4  | 16.2                    |                 | •1                     | 18.7                               | 1787                   |
|        | 18-20           | .7                 | 9.7                       |                                   |                         |      | 9.7                        | 3.2  | 16.4                    |                 |                        | 19.0                               | 1767                   |
|        | 21-23           | •6                 | 10.9                      |                                   |                         |      | 10.9                       | 3.0  | 12.1                    |                 |                        | 14.7                               | 1781                   |
|        |                 |                    |                           |                                   |                         |      |                            |      |                         |                 |                        |                                    |                        |
| TOTALS |                 | • 4                | 10.1                      |                                   |                         |      | 10,1                       | 6.6  | 22,3                    |                 | •0                     | 26.9                               | 14216                  |

USAFETAC JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE CASCLETE

#### **WEATHER CONDITIONS**

43311

1

TUKYE TAP JAPAN/HONSHU

46-54,56-60,67-72

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| нтиом  | HOURS<br>(L.S.T) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | \$NOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG  | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|------------------|--------------------|---------------------------|-----------------------------------|--------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| SFP    | 00-02            | .1                 | 15.7                      |                                   |                          |      | 15.7                       | 9.6  | 19.4                    |                 |                        | 25,1                               | 1734                  |
|        | 03~05            | . 2                | 17.1                      |                                   |                          |      | 17.1                       | 12.2 | 18.6                    |                 |                        | 25.4                               | 1723                  |
|        | 06-08            |                    | 16.4                      |                                   |                          |      | 16.4                       | 18.7 | 40.9                    |                 | .1                     | 51,0                               | 1718                  |
|        | 09-11            | • 1                | 14.1                      |                                   |                          |      | 14.1                       | 9,4  | 34,2                    |                 |                        | 40.2                               | 1733                  |
|        | 12-14            | • 1                | 14.1                      |                                   |                          |      | 14.1                       | 7.1  | 21.0                    |                 | • 1                    | 25,5                               | 1720                  |
|        | 15-17            | . 4                | 14.2                      |                                   |                          |      | 14.2                       | 6.3  | 14.9                    |                 |                        | 18.7                               | 1718                  |
|        | 18-20            | .7                 | 15.9                      |                                   |                          |      | 15,9                       | 6.1  | 14.4                    |                 | .1                     | 18.0                               | 1711                  |
|        | 21-23            | • 3                | 16.4                      |                                   |                          |      | 16.4                       | 6.2  | 15.0                    |                 |                        | 18.5                               | 1731                  |
|        |                  |                    |                           |                                   |                          |      |                            |      |                         |                 |                        |                                    |                       |
|        |                  |                    |                           |                                   |                          |      |                            |      |                         |                 |                        |                                    |                       |
| TOTALS | j                | . 2                | 15.5                      |                                   |                          |      | 15.5                       | 9.5  | 22.3                    |                 | •0                     | 27.8                               | 13788                 |

USAFETAC  $\frac{\text{FOPM}}{\text{JULY }64}$  0-10-5 (OL-1), picylous extions of this fopm are obsolete

#### **WEATHER CONDITIONS**

43311

2

TOKYE TAP JAPAN/HORSHU

46-54,56-60,67-72

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STATION

STATION NAME

VEADS

HINOM

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| монтн  | HOURS<br>(LST.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND/OR<br>HAZE | 8LOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| UCT    | 00=02           |                    | 18.4                      |                                   |                         |      | 18.4                        | 10.7 | 22.7                    |                 |                        | 29.2                               | 1809                    |
|        | 03-05           |                    | 18.4                      |                                   |                         |      | 18.4                        | 10.2 | 19,5                    |                 |                        | 25.1                               | 1796                    |
|        | 06=08           | •1                 | 17.8                      |                                   |                         |      | 17.8                        | 15.5 | 45.4                    |                 |                        | 53.9                               | 1785                    |
|        | 09-11           |                    | 17.2                      |                                   |                         |      | 1.7.2                       | 9.9  | 43.0                    |                 |                        | 49.0                               | 1816                    |
|        | 12-14           | • 1                | 16.9                      |                                   |                         |      | 16.9                        | 7.1  | 24.7                    |                 |                        | 29.8                               | 1816                    |
|        | 15-17           |                    | 15.7                      |                                   |                         |      | 15.7                        | 8.6  | 16.4                    |                 | .1                     | 22,1                               | 1811                    |
|        | 18-20           | . 1                | 17.6                      |                                   |                         |      | 17.6                        | 8.1  | 15.7                    |                 |                        | 20.4                               | 1808                    |
|        | 21-23           | •1                 | 17.1                      |                                   |                         |      | 17.1                        | 8.6  | 21.4                    |                 |                        | 26.2                               | 1804                    |
|        |                 |                    |                           |                                   |                         |      |                             |      |                         |                 |                        |                                    |                         |
|        |                 |                    |                           |                                   |                         |      |                             |      |                         |                 |                        |                                    |                         |
| TOTALS |                 | . 1                | 17.4                      |                                   |                         |      | 17.4                        | 9.8  | 26.1                    |                 | •0                     | 32.0                               | 1444                    |

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF TIRS FORM ARE OBSOLETE

#### **WEATHER CONDITIONS**

43311

TOKYO TAP JAPAN/HUNSHU

47-54,56-60,67-72

V04

STATION

STATION NAME

YFARS

HINOM

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CUNDITIONS FROM HOURLY OBSERVATIONS

| монтн  | HOURS<br>(LST.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL                                  | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS. |
|--------|-----------------|--------------------|---------------------------|-----------------------------------|-------------------------|---------------------------------------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| мол    | 00-02           | .1                 | 11.1                      |                                   |                         |                                       | 11.1                        | 8.6  | 34.9                    |                 |                        | 38.9                               | 1645                   |
|        | 03-05           | .1                 | 9.8                       |                                   | . 1                     |                                       | 9.8                         | 6.8  | 27,6                    |                 |                        | 30.6                               | 1650                   |
|        | 06~08           |                    | 11.0                      |                                   |                         |                                       | 11.0                        | 11.0 | 50.5                    |                 |                        | 54.7                               | 1666                   |
|        | 09-11           | , 1                | 8.8                       |                                   |                         |                                       | 8.8                         | 6.0  | 55,9                    |                 |                        | 58.9                               | 1650                   |
|        | 12-14           | •1                 | 9.8                       |                                   |                         |                                       | 9.8                         | 4.0  | 36,9                    |                 | . 3                    | 39.8                               | 1655                   |
|        | 15-17           | • 1                | 11.9                      |                                   |                         |                                       | 11.9                        | 4.2  | 27.5                    |                 | . 3                    | 30.6                               | 1669                   |
|        | 18-20           |                    | 10.9                      |                                   |                         |                                       | 10,9                        | 4.6  | 27.3                    |                 |                        | 29.9                               | 1668                   |
| <br>   | 21-23           |                    | 12.0                      |                                   |                         |                                       | 12.0                        | 6,5  | 36,8                    |                 | .1                     | 39.9                               | 1656                   |
|        |                 |                    |                           |                                   |                         |                                       |                             |      |                         |                 |                        |                                    |                        |
|        |                 |                    |                           |                                   |                         |                                       |                             |      |                         |                 |                        |                                    |                        |
| TOTALS |                 | •1                 | 10.7                      |                                   | •0                      | · · · · · · · · · · · · · · · · · · · | 10.7                        | 6.5  | 37.2                    |                 | •1                     | 40.4                               | 13259                  |

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

#### **WEATHER CONDITIONS**

43311 TUKYI TAP JAPAN/HINSHU 46=54,56=60,67=72 UEC

| STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSTRVATIONS

| монтн         | HOURS<br>(L S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|---------------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| onc           | 00-02             | • 1                | 6,2                       |                                   | • 1                     |      | 6.2                        | 6.0 | 40.9                    |                 |                        | 43.3                               | 1811                   |
|               | 03-05             | .1                 | 7.0                       |                                   | • &                     |      | 7,3                        | 5.4 | 31.5                    |                 |                        | 33.8                               | 1817                   |
|               | 06=98             |                    | 6.3                       |                                   | • 3                     |      | 6,6                        | 8.0 | 52.8                    |                 |                        | 57.3                               | 1807                   |
|               | 09-11             | • 1                | 6.4                       |                                   | •4                      |      | 6,9                        | 4.8 | 61.2                    |                 | • 2                    | 64.6                               | 1790                   |
|               | 12-14             | • 1                | 5.8                       |                                   | • 2                     |      | 5,9                        | 3.9 | 38.6                    |                 | •1                     | 41.7                               | 1800                   |
|               | 15-17             | .1                 | 6.5                       |                                   | • 3                     |      | 6.7                        | 4.0 | 31.5                    |                 |                        | 34.1                               | 1794                   |
|               | 18-20             |                    | 6.3                       |                                   |                         |      | 5,3                        | 4.9 | 37.6                    |                 |                        | 39.9                               | 1799                   |
| <del></del> - | 21-23             | •1                 | 7,3                       |                                   | •1                      |      | 7,3                        | 6.7 | 45,5                    | <u> </u>        |                        | 48.3                               | 1814                   |
| <del></del> - |                   |                    |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
|               |                   |                    |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |                        |
| TOTALS        |                   | • 1                | 6.5                       |                                   | • 2                     |      | 6,7                        | 5.5 | 42.5                    |                 | •0                     | 45.4                               | 14432                  |

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PART A

#### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN date prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

A - 3

S74 29**940** 

43311

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TORYS TAP JAPAN

46=60

ALL

STATION

ON STATION NAME

MONTH

# PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

| нтисм      | HOURS<br>(LST) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND/OR<br>HAZE | 8LOWING<br>SNOW | TEUG<br>RO\DNA<br>DNAS | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|------------|----------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| JAN        | DAILY          | . 5                | 23.2                      |                                   | 7.4                     | • 2  | 31.1                        | 21.9 | 78.6                    |                 |                        | 83.4                               | 434                   |
| FEB        |                | . 3                | 37.2                      |                                   | 12.9                    | , 5  | 39.4                        | 24.7 | 74.7                    | • 3             | • 5                    | 79.0                               | 396                   |
| ΔR         |                | .7                 | 50.0                      |                                   | 8 • 1                   | . 5  | 49.8                        | 33.2 | 71.9                    |                 | • 2                    | 77.4                               | 434                   |
| APR        |                | 1.0                | 56.4                      |                                   | 1.0                     | .2   | 52.9                        | 38.8 | 68.6                    |                 | • 2                    | 79.3                               | 420                   |
| <b>'ΑΥ</b> |                | 1.8                | 50,5                      |                                   |                         |      | 31.4                        | 45.6 | 74.4                    |                 | . 5                    | 83,6                               | 434                   |
| JUN        |                | 2.2                | 63.6                      |                                   |                         | • 5  | 60.6                        | 56.4 | 67.5                    |                 | . 2                    | 84.0                               | 406                   |
| JUL        |                | 2.8                | 57.3                      |                                   |                         |      | 53.2                        | 49.1 | 64.1                    |                 |                        | 76.3                               | 634                   |
| AUG        |                | 6,2                | 53.8                      |                                   |                         |      | 50.7                        | 43.8 | 64.5                    |                 | • 2                    | 78.3                               | 434                   |
| SEP        |                | 2.9                | 63.6                      |                                   |                         |      | 58.7                        | 51.1 | 64.3                    |                 |                        | 76.3                               | 409                   |
| 707        |                | ېنس،،ر<br>٥.       | 58.9                      |                                   |                         |      | 53.2                        | 47.0 | 69.1                    |                 |                        | 82.                                | 434                   |
| אמא        |                | 1.5                | 47.9                      |                                   | ē •                     |      | 44.7                        | 38.8 | 76.9                    |                 | ~                      | 86.4                               | 389                   |
| PEC        |                | . 7                | 29,0                      |                                   | 1.6                     |      | 27.9                        | 31.6 | 75.3                    |                 |                        | 86-4                               | 434                   |
| TOTALS     |                | 1.7                | 49.7                      |                                   | 2.6                     | • 1  | 47.8                        | 40.2 | 70.9                    | •0              | . 1                    | 81.1                               | 5058                  |

USAFETAC ROBM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

#### PART B

#### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the <u>percentage frequency of various daily amounts</u> of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snew depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and simual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

| EXTREME DAILY | PRECIPITATION | ".00" | equals | none | for | the | month | (hundredths)   |   |
|---------------|---------------|-------|--------|------|-----|-----|-------|----------------|---|
| EXTREME DAILY | SNOWFALL      | ".0"  | equals | none | for | the | month | (tenths)       |   |
| EXTREME DAILY | SNOW DEPTH    | "0"   | equals | none | for | the | month | (whole inches) | ) |

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

#### NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

#### U. S. Navy and National Weather Service (USWB)

| Beginning thru 1945 | at 0800LST | Beginning thru Jun 52 | at 0030GMT |
|---------------------|------------|-----------------------|------------|
| Jan 46-May 47       | at 1230GMT | Jul 52-May 57         | at 1230GMT |
| Jun 57-present      | at 1200GMT | Jun 57-present        | at 1200GMT |

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#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF PRECTPTTATIJE (FROM DAILY OBSERVATIONS)

43311 THEY TAP SAPAR STATION NAME

46-57, 59-60

YEARS

|                |      |         |      |        |       | AM     | DUNTS (II | NCHES)       |           |           |            |             |            | PERCENT |              | MON   | THLY AMO | UNTS     |
|----------------|------|---------|------|--------|-------|--------|-----------|--------------|-----------|-----------|------------|-------------|------------|---------|--------------|-------|----------|----------|
| PRECIP         | NONE | TRACE   | 01   | 02. 05 | 06 10 | 11. 25 | 26 50     | .51.1 00     | 1 01 2 50 | 2 51-5 00 | 5 01 10 00 | 10 01-20 00 | OVER 20 00 | OF DAYS | TOTAL<br>NO. |       | (INCHES) |          |
| SNOWFALL       | NONE | TRACE   | 0104 | 0514   | 1524  | 2534   | 3 5 4 4   | 4 5-6 4      | 6 5-10 4  | 10 5-15 4 | 15 5 25 4  | 25 5-50 4   | OVER 50 4  | MEASUR- | OF<br>OBS    | MEAN  | GREATEST | LEAST    |
| SNOW-<br>DEPTH | NONE | TRACE   | 1    | 2      | 3     | 46     | 7-12      | 13 24        | 25 36     | 37 48     | 49-60      | 61-120      | OVER 120   | AMTS    |              |       |          |          |
| JAN            | 64.5 | 12.6    | 1.0  | 5.2    | 1.0   | 4.2    | 4.5       | 4 • 2        | 2.3       |           |            |             |            | 22.9    | 310          | 2.77  | 4.69     | 1.0.     |
| FEB            | 58.3 | 17.6    | 1.0  | 4,5    | 3.2   | 4.2    | 6.7       | 3 • 2        | 1.6       | . 3       |            |             |            | 24.7    | 317          | 2.61  | 4.08     | . 21     |
| MAR            | 46.6 | 1 ª • · | 2.3  | 7.5    | 2.6   | 7.C    | 4.7       | 7.0          | 3.2       |           |            |             |            | 34.6    | 341          | 4.12  | 7.73     | 2.1      |
| APR            | 46.3 | 16.0    | 2.7  | 5.7    | 3.7   | 6.0    | 8.0       | 7 <b>.</b> C | 4.7       |           |            |             |            | 37.7    | 300          | 4.71  | 7.85     | 2.01     |
| MAY            | 48.7 | 13.2    | 2.3  | 4,8    | 3.8   | 4.8    | 6.5       | 8.7          | 5.2       |           |            |             |            | 34.1    | 310          | 9.18  | 6.48     | 3.4      |
| MUL            | 31.7 | 20.7    | 1.3  | B.0    | 3,3   | 9,0    | 8.7       | 16.0         | 5.3       | 2.0       |            |             |            | 47.7    | 300          | 8.19  | 13.37    | 2.5      |
| JUL            | 45.5 | 22.4    | 2.6  | 3.5    | 3.2   | 6,1    | 4.2       | 6.5          | ٥.2       | . 3       |            |             |            | 31.6    | 3 ] (        | 4.99  | 9.53     | . 6      |
| AUG            | 45.2 | 19.6    | 2.1  | 6,5    | 2,3   | 7,6    | 6.2       | 3.2          | 4.7       | 2.1       | ,6         |             |            | 35.7    | 341          | 7.06  | 15.21    | 1.1      |
| SEP            | 30.5 | 17.0    | 2.6  | 7.4    | 3.3   | 10.4   | 7.8       | 7.0          | 4.1       | 1.9       |            |             |            | 44.4    | 270          | 7.23  | 10.61    | 3.0      |
| ост            | 43.9 | 16.5    | 2.3  | 6.5    | 4.5   | 6 · iì | 6.1       | 7.4          | 5.8       | . 3       |            |             |            | 39.7    | 310          | 5.91  | 11.95    | 2.7      |
| УСИ            | 51.0 | 16.2    | 1.4  | 9.0    | 5.7   | 4.3    | 4.8       | 4.8          | 2.9       |           |            |             |            | 32.9    | 310          | 3.26  | 5.65     | •6       |
| DEC            | 6,80 | 12.0    | • 9  | 2.3    | 3.2   | 4,4    | 4.7       | 3.8          | 2.1       |           |            |             |            | 21.4    | 341          | 2,66  | 4.84     | 1.5      |
| ANNUAL         | 49.1 | 16.7    | 1.9  | 5,9    | 3.5   | 6.2    | 6.1       | 6.1          | 3.9       | .6        | •0         |             |            | 34.2    | 3655         | 58.67 | X        | $\times$ |

1210 WS JUL 64 0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **EXTREME VALUES**

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13311 JOKYO LAP JAPAN STATION NAME

46=60. YFARS

#### 24 HOUR AMOUNTS IN INCHES

| HINOM     | .AN  | FE3  | MAR : | APR  | MAY         | NUL   | JUL  | AUG         | SEP   | ост  | NOV. | DEC.        | ALL<br>MONTHS |
|-----------|------|------|-------|------|-------------|-------|------|-------------|-------|------|------|-------------|---------------|
| YEAR      |      |      |       |      | <del></del> |       |      |             |       |      |      |             | MONINS        |
| 46        |      | !    |       |      |             | m o.  |      |             |       | 1.26 |      | .94         | 11.00         |
| _ 57_ +   | 1.42 | 3.11 | 1.47  | 1.21 | 1.44        | . 73  | 49   | 2.58        | 4.00  | 1.70 | . 58 | .91         | 4,00          |
| 48        | .94  | 1.59 | .56   | 1.25 | 1.00        | 2.26  | 1.59 | 3.37        | 3.53  | 1.19 |      | .65         |               |
| 49        | 2_28 | 2.00 | 60    | - 69 | 1.21        | 3.57  | 1.18 | 5.60        | 4.59  | 2.75 |      | 1.39        | 5.79          |
| 50        | 1.08 | 1.62 | 1.84  | 1.47 | 1.07        | 3.34  | 2.92 | 5.75        | 1.01  | 1.90 | 1.32 | 2.34        | 2.73          |
| 51 +      | .72  | 1.30 | 1,98  | 2.16 | .88         | 1.65  | 1.37 | .81         | 2087  | 1.19 | 1.83 | 1.79        | 2.87          |
| 52<br>53  | 79   | 491  | 81    | .62  | 1.72        | 4.20  | 2.04 | 1.79        | 2,29  | 1.80 | .41  | .81         | 4.20          |
| 54        | 1.15 | .66  | 1.01  | 1.24 | 2.25        | 3.76  | 1.25 | 1.73        | 3.78  | .98  | 2.32 | 1.49        | 3.7           |
| 55        | 75   | 1.77 | 1.83  |      | 1.34        | 2.59  | 1.28 | 3.38        | 30,70 | • 10 | 2002 | 1042        | 50,1          |
| 56        | 1.16 | .44  |       |      |             |       |      |             |       |      |      | <u>-</u>    |               |
|           |      |      | 1     | 1    | İ           | 4.48  | i    | .43         |       | İ    |      | 1.20        |               |
| 59        | I    |      | 1.30  | 1.57 |             |       |      |             |       |      |      |             |               |
| 60        |      | .16  | .70   |      | 1.25        | 1.10  | 1.32 | 3.13        | .90   | 2.19 | 1.05 | .74         |               |
| d         | 1    |      | i i   | 1    | i           |       |      |             |       |      |      | 1           |               |
|           |      |      | !     |      | <del></del> |       |      |             |       |      |      |             |               |
| 11        |      | 1    | ,     | 1    | 1           |       | į    |             | i     | 1    |      | i           |               |
|           | +    | -    | - †   |      |             |       |      |             |       |      |      |             |               |
|           |      | i    |       | i    | l           | i     | 1    | ĺ           | ,     | ĺ    |      | ä           |               |
|           |      |      |       | - 1- |             |       |      |             |       |      |      |             |               |
| 1         |      | i    |       |      | İ           | ;     | į    | !           |       |      | ł    |             |               |
|           |      | •    |       |      |             |       |      |             |       |      |      | <del></del> |               |
|           |      | 1    |       | 1    | 1           | İ     | į    |             |       |      | 1    | 1           |               |
|           |      | *    |       |      |             |       |      |             |       |      |      |             |               |
| į         | :    | 1    | 1     |      | 1           | į     |      | į           |       |      | i    | }           |               |
|           | · :  |      |       |      |             |       |      | <del></del> |       |      |      |             |               |
| H.        |      | 1    |       |      |             | 1     | 1    |             |       | ļ    |      |             |               |
| i         |      |      |       |      |             |       |      |             |       |      |      |             |               |
|           |      |      |       |      |             |       |      |             | Ì     |      |      |             |               |
| MEAN      | 1.11 | 1.55 | 1.23  | 1.28 | 1,39        | 2,79  | 1.60 | 2.71        | 2.80  | 1.59 | 1.21 | 1.16        | 4.1           |
| S D I,    | .469 | .887 | .535  | .443 | .411        | 1.291 | .684 | 1.773       | 1.301 | .584 | .680 | .478        | 1.04          |
| TOTAL OBS | 310  | 312  | 341   | 300  | 310         | 300   | 310  | 341         | 270   | 310  | 210  | 341         | 365           |

USAF ETAC JUL 64 0-88-5 (OU)

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#### **EXTREME VALUES**

PRECIPITATION (FROM DAILY OBSERVATIONS)

43311 TUKYG 1AP JAPAN STATION NAME

46=6Q YEARS

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

| MONTH<br>YEAR | JAN  | FEB '            | MAR          | APR       | MAY      | NUL               | าดเ       | AUG            | SEP        | ост. | ИОУ   | DEC  | ALL<br>MONTHS  |
|---------------|------|------------------|--------------|-----------|----------|-------------------|-----------|----------------|------------|------|-------|------|----------------|
| 46            |      |                  | !            |           | 1        |                   |           |                | 2.61       |      |       |      | PRECIP         |
| 42            | •    | •                | •            |           |          |                   |           |                |            |      | 2.44  |      | PRECIP         |
| 49            |      | -                | •<br>!       |           |          |                   |           |                |            |      | 1.02  |      | PRECIP         |
| 51            |      |                  |              |           | 1        | 3.72              |           |                |            |      | -6.7_ |      | PRECIP         |
| 56            |      |                  | 1.97         | 1.04      | 1.87     | 1,32              | 1.60      | 1.30           | 2.96<br>24 | 3,29 | .62   | 22   | PRECIP         |
| 57            | .06  | 1.49             | 1.70         | 1.57      | 2.60     | - <del>67</del> - | 1.52      |                | 1.70       | 27   | 27    |      | PRECIP         |
| 58            | .68  | 1.16             | 30           | .54<br>26 | 27       | .64<br>22         | 1.75      | 1.20           | 8.97       | 2.03 | .97   | 1.46 | PRECIP<br>DAYS |
| 59            | 1.31 | .70              |              |           | 1.34     | .83               | ,60<br>30 | 1.83           | 2.86       | 2.04 | 2.09  |      | PRECIP<br>DAYS |
| 60            | 1.36 |                  |              | 7.06      |          | <br>              |           |                |            | 30   | 70    |      | PRECIP<br>DAYS |
|               |      | · <del> </del> - | <del> </del> |           |          |                   |           |                |            |      |       |      |                |
|               |      |                  |              |           |          |                   |           |                |            |      |       |      |                |
|               |      |                  |              |           | <u> </u> |                   |           |                |            |      |       |      |                |
|               |      |                  |              |           |          |                   |           |                |            |      |       |      |                |
|               |      |                  |              |           |          |                   |           |                |            |      |       |      |                |
|               |      |                  |              |           |          |                   |           |                |            |      |       |      |                |
| MEAN          |      |                  |              |           |          |                   |           |                |            |      |       |      |                |
| 5 D           | ļ ļ  |                  |              |           |          |                   |           | <del>-</del> - |            |      |       |      | <u> </u>       |
| TOTAL OBS     | i, t | '                | i            |           | ı        | į                 | i         | !              | - 1        |      | į.    |      | Ħ              |

USAF ETAC FORM 0-88 5 (OLI)

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#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

SNEWFALL

(FROM DAILY OBSERVATIONS)

43311 TI, Y' IAP JAPAN 46-37, GO
STATION NAME YEARS

|                |       |        |      |       |         | AM   | OUNTS (II | NCHES)   |           |           |            |             |            | PERCENT |              | WON  | THLY AMO | נואטכ       |
|----------------|-------|--------|------|-------|---------|------|-----------|----------|-----------|-----------|------------|-------------|------------|---------|--------------|------|----------|-------------|
| PRECIP         | NONE  | TRACE  | 01   | 02 05 | 06-10   | 1125 | 26- 50    | .51.1 00 | 1 01-2 50 | 2.51-5 00 | 5 01-10 00 | 10 01 20 00 | OVER 20 00 | OF DAYS | TOTAL<br>NO. |      | (INCHES) |             |
| SNOWFALL       | NONE  | TRACE  | 0104 | 0514  | 1.5 2.4 | 2534 | 3 5 4 4   | 4564     | 6.5 10 4  | 10 5 15.4 | 15 5-25 4  | 25 5-50 4   | OVER 50 4  | MEASUR- | OF<br>OBS.   | MEAN | GREATEST | LEAST       |
| SNOW-<br>DEPTH | NONE  | TRACE  | 1    | 2     | 3       | 4.6  | 7-12      | 13 24    | 25 36     | 37.48     | 49-60      | 61-120      | OVER 120   | AMTS    |              |      |          |             |
| JAN            | 90.6  | * • 1  |      | ۶ .   | • 6     |      |           |          | • 3       | İ         |            |             | ļ          | 1.3     | 310          | 1.3  | 12.7     | TRACE       |
| FEB            | 84.1  | 11.0   | . 4  | 1.3   | . 4     | •4   | • 7       |          | • 4       | .7        |            |             |            | 4,6     | 2,3          | 4,0  | 16.6     | TO ACE      |
| MAR            | 90.3  | ,<br>• | . 4  | . 4   |         |      | • 4       |          | .4        |           |            |             |            | 1.4     | 279          | 1.4  | 11.4     | :0          |
| APR            | 90.9  | 1.1    |      |       |         |      |           |          |           |           |            |             |            |         | 270          | PACE | HACF     | •0          |
| MAY            | 100.0 |        |      |       |         |      |           |          |           |           |            |             |            |         | 310          | •0   | •0       | .0          |
| אטנ            | 0.001 |        |      |       |         |      |           |          |           |           |            |             |            |         | 300          | .c   | •0       | .0          |
| JUL            | 100.0 |        |      |       |         |      |           |          |           |           |            |             |            |         | 310          | .c   | •0       | • 0         |
| AUG            | 100.0 |        |      |       |         |      |           |          |           |           |            |             |            |         | 310          | .0   | •0       | •0          |
| SEP            | 100.9 |        |      |       |         |      |           |          |           |           |            |             |            |         | 270          | .0   | •0       | •0          |
| ост            | 100,6 |        |      |       |         |      |           |          |           |           |            |             |            |         | 310          | .0   | .0       | ů,          |
| 707            | 99.6  | . 4    |      |       |         |      |           |          |           |           |            |             |            |         | 240          | PACE | TRACE    | .0          |
| DEC            | 97.1  | 2.°    |      |       |         |      |           |          |           |           |            |             |            |         | 310          | PACE | TRACE    | :0          |
| ANNUAL         | 96.7  | 2.7    | , ì  | . 2   | .1      | .0   | . 1       |          | .1        | .1        |            |             |            | .6      | 3302         | 7.9  | X        | $\boxtimes$ |

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **EXTREME VALUES**

SNOWFALL (FROM DAILY OBSERVATIONS)

43311 TUKYU TAP JAPAN STATION NAME

46≈60 YEARS

ADS ....

#### 24 HOUR AMOUNTS IN INCHES

| MONTH)<br>EAR | JAN   | FEB   | MAR         | APR        | MAY      | אטנ  | JUL  | AUG  | SEP  | ост.                                    | NOV.  | DEC   | ALL<br>MONTHS |
|---------------|-------|-------|-------------|------------|----------|------|------|------|------|---|-------|-------|---------------|
| 46            | ;     | :     | <del></del> |            |          |      |      |      |      | .0                                      |       | TRACE | - ' " "       |
| 47.           | TRACE | 12.5  | 0           | 0          | 0        | 0    | 0    | .0.  | 0    | 0.                                      | 0     | TRACE | 12.5          |
| 48            |       | TRACE | TRACE       | .0         | .0       | . 0  | •0   | .0   | -0∣  | .0                                      |       | -0    |               |
| 4.9           | TRACE | TRACE | TRACE!      |            | 0        | 0_   | 0    | 0    | 0    | اهنــــــــــــــــــــــــــــــــــــ | 0     | TRACE | TRACE         |
| 50            | TRACE | TRACE | TRACE       | .0         | .0       | .0   | • 0  | .0   |      | •0                                      | TRACE | .0    | TRACE         |
| 51            | TRACE | 13.0  |             | 0          | 0        |      | 0    | ٥    | 0    | 0                                       | 0     |       | <del></del>   |
| 52            | TRACE | 4.4   | 7.5         |            | (0.3     | .0   | •0   | •0   | • 0  | .0                                      | •0    | TRACE | 7.            |
| 53.           | TRACE | 6.9   |             |            | <u>.</u> | 0    | •0   | .0   | 0    | .0                                      | 0     |       |               |
| 54            | 10.4  | TRACE | 1.4         | .0         | • 0      | .0   | •0   | • 0  | • 0  | •0                                      | •0    | .0    | 10.4          |
| 55            | TRACE |       |             | TRACE      | 0        | 0    | •0   | 0    |      |   |       |       |               |
| 56<br>57      | 2.2   | • 9   | !           | į          |          |      | 1    |      | İ    |   |       |       |               |
| 60            |       |       |             |            | .0       | .0   | •0   | .0   | .0   | .0                                      | .0    | TRACE |               |
|               |       |       |             |            |          |      |      |      |      |   |       |       |               |
|               |       | ;     |             |            | •        | 1    |      |      |      |   |       |       |               |
|               |       |       |             |            |          |      |      |      |      |   |       |       |               |
| 1             |       | ł     |             |            |          | ĺ    | ŀ    |      |      | 1                                       |       | 1     |               |
|               |       |       | i           |            |          |      | i    |      |      |   |       |       |               |
| ;             |       | ļ     | į           |            |          |      |      | 1    |      |   | į     |       |               |
|               |       |       |             |            | <u>-</u> |      |      |      |      |   |       |       |               |
|               |       |       | ·           |            |          |      |      |      |      |   |       |       |               |
|               |       |       |             |            |          | -    |      |      |      |   |       |       |               |
|               |       |       |             |            |          |      |      |      |      |   |       |       |               |
|               |       |       |             |            |          | İ    | 1    |      |      | j                                       |       |       |               |
|               |       |       |             |            |          |      |      |      |      |   |       |       |               |
| 1             |       |       |             |            |          |      |      | 1    | 1    |   |       |       |               |
|               |       |       |             |            |          |      |      |      |      |   |       |       |               |
|               |       |       |             | - WR 1 2 - |          |      | - 42 |      |      | ······································  |       |       |               |
| MEAN          | 1,26  | 3,77  | 1.01        | TRACE      | .00      | .00  | .00  | .00  | .00  | .00                                     |       |       | 6.27          |
| S D           | 3.285 |       | 2.476       | .000       | •000     | •000 | .000 | .000 | .000 | .000                                    |       |       | 5,223         |
| OTAL OBS      | 310   | 283   | 279         | 270        | 310      | 300  | 310  | 310  | 270  | 310                                     | 240   | 310   | 3502          |

USAF ETAC FORM 0-88-5 (OLI)

#### **EXTREME VALUES**

SNOWFALL (FROM DAILY OBSERVATIONS)

1

43311 TUKYU TAP JAPAN STATION NAME

46=60\_\_\_\_

# 24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

| MONTH<br>YEAR | JAN         | FEB         | MAR         | APR (       | MAY      | אטנ          | JUL | AUG | SEP.     | ост. | NOV      | DEC.        | ALL<br>MONTHS   |
|---------------|-------------|-------------|-------------|-------------|----------|--------------|-----|-----|----------|------|----------|-------------|-----------------|
| 46            |             |             |             |             |          |              |     |     | .0<br>19 |      |          |             | SNOFALL<br>DAYS |
| 48            |             |             | i           |             |          |              |     |     |          |      | .0<br>29 |             | SNOFALL<br>DAYS |
| 51            |             |             |             |             |          | 16           |     |     |          |      |          |             | SNOFALL         |
| 56            | !           |             | TRACE       | TRACE<br>25 | .0<br>29 | 22           | 14  | 21  | 18       | 15   | 23       | _22         | SNOFALL         |
| 57            | TRACE       | TRACE<br>26 | TRACE       | 22.0        | 20       |              | 24  | 29  | 22       | 19   | •0<br>26 | 29          | SNOFALL         |
| 58            | TRACE<br>26 | 24.1        | . 6<br>28   | 23          | 22       | 18           | 22  | 21  | 15       | 17   | 18       | 20          | SNUFALL         |
| 59            | 2.1         | .6<br>15    | 24          |             | 22       | 27.0         | 27  | 23  | 27       | 30   | 21       | TRACE<br>26 | SNOFALL<br>DAYS |
| 60            | TRACE<br>26 | TRACE<br>28 | TRACE<br>28 | 29          |          |              |     |     |          |      |          |             | SNOFALL<br>DAYS |
|               |             |             |             |             |          |              |     |     |          |      |          |             |                 |
| i             |             |             |             |             |          |              |     |     |          |      |          |             |                 |
|               |             |             |             | !           |          |              |     |     |          |      |          |             |                 |
| . =-          | 1           |             |             |             |          |              |     |     |          |      |          |             |                 |
|               |             | - 1         |             |             |          |              |     |     |          |      |          |             |                 |
|               |             | -           |             |             |          |              |     |     |          |      |          |             |                 |
|               |             |             |             |             |          |              |     |     |          |      |          |             |                 |
| MEAN          |             | ±           |             |             |          |              | -   |     |          |      |          |             |                 |
| S D           |             |             | i           |             |          |              |     | ·   |          |      | i        |             |                 |
| TOTAL OBS     |             |             |             |             |          | <del>-</del> |     |     |          |      |          |             |                 |

USAF ETAC FORM 0-88-5 (OLI)

#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF SHOWN (FORTH (FROM DAILY OBSERVATIONS)

43311 TOKY: IAP JAPAI 46-37, 60
STATION STATION NAME YEARS

|                | AMOUNTS (INCHES) |       |      |       |       |        |         |         |           |           |            |             |            | PERCENT TOTAL | MON  | MONTHLY AMOUNTS |          |       |
|----------------|------------------|-------|------|-------|-------|--------|---------|---------|-----------|-----------|------------|-------------|------------|---------------|------|-----------------|----------|-------|
| PRECIP         | HONE             | TRACE | 01   | 02 05 | 06-10 | 11- 25 | .26- 50 | 51 1 00 | 1 01 2 50 | 2 51-5 00 | 5 01-10 00 | 10 01-20 00 | OVER 20 00 | OF DAYS       | NO.  |                 | (INCHES) |       |
| SNOWFALL       | NONE             | TRACE | 0104 | 0514  | 1524  | 2534   | 3 5 4 4 | 4564    | 6 5 10 4  | 10 5 15 4 | 15 5 25 4  | 25 5 50 4   | OVER 50 4  | MEASUR-       |      | MEAN            | GREATEST | LEAST |
| SNOW-<br>DEPTH | NONE             | TRACE | 1    | 2     | 3     | 46     | 7 12    | 13-24   | 25-36     | 37.48     | 49 60      | 61 120      | OVER 120   | AMTS          |      |                 |          |       |
| JAN            | 96.8             | , 7   | 1.1  | • 4   | .4    | . 4    | . 4     |         |           |           |            |             |            | 2.3           | 270  |                 |          |       |
| FEB            | 93.5             | 1 . 2 | 1.5  | •6    | • 0   | 1.2    | • 6     | • 6     |           |           |            |             |            | 5.3           | 169  |                 |          |       |
| MAR            | 99.6             |       |      |       |       | . 4    |         |         |           |           |            |             |            | , 4           | 747  |                 |          |       |
| APR            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 210  |                 |          |       |
| MAY            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 310  |                 |          |       |
| NUL            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 300  |                 |          |       |
| JUL            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 310  |                 |          |       |
| AUG            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 310  |                 |          |       |
| SEP            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 273  |                 |          |       |
| OCT            | 100.9            |       |      |       |       |        |         |         | ······    |           | <u> </u>   |             |            |               | 310  |                 |          |       |
| NOV            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 240  |                 |          |       |
| DEC            | 100.0            |       |      |       |       |        |         |         |           |           |            |             |            |               | 24R  |                 |          |       |
| ANNUAL         | 99.2             | ٠,    | . 2  | • 1   | . 1   | • 2    | • 1     | •C      |           |           |            |             |            | ٠,7           | 3264 |                 | $\times$ | > <   |

1210 WS FORM 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### EXTREME VALUES

SNOW DEPTH (FROM DAILY OBSERVATIONS)

43311 JUKYO IAP JAPAN 46-60 YEARS

#### DAILY SNOW DEPTH IN INCHES

| TOTAL OBS.              | 310   | 254    |       | 270  | 310  | 300  | 310  | 310  | 270  | 310      | 240    | 279   | 344         |
|-------------------------|-------|--------|-------|------|------|------|------|------|------|----------|--------|-------|-------------|
| S. D                    | 3.199 | 4.910  | 1.333 | •000 | •000 | •000 | .000 | .000 | .000 | ,000     | .000   | .000  | 4,24        |
| MEAN                    | 1.3   | 3,1    |       | .0   | .0   |      | •0   | •0   | .0   | •0       | 0      | TRACE | 4.0         |
| <u></u>                 |       |        |       |      |      |      |      |      |      |          |        |       | <del></del> |
|                         |       |        |       |      |      |      |      |      |      |          |        |       |             |
|                         |       |        |       |      |      |      |      |      |      |          |        |       | <del></del> |
|                         |       |        |       |      | -    |      |      |      |      |          |        |       |             |
|                         |       |        |       |      |      |      |      |      |      |          |        |       |             |
| <b>57</b><br><b>6</b> 0 |       | -      |       |      | 0    | 0    | 0    | 0    | 0    | 0        | 0      | 0     |             |
| 56                      | 3     | 1      |       |      | į    |      |      |      |      |          |        |       |             |
| _55                     | 0     | 0      | 0     | 0    | 0    | 0    | 0    | 0    |      | 0        | 0      | .01   | A           |
| 53                      | 0     | 6<br>0 | 0     | 0    | 0    | 0    | 0    | 0    | 0    | <u>C</u> | 0<br>0 | -0    | <u>1</u>    |
| 52                      | 0     | 3      | 4     | 0    | 0    | 0    | 0    | 0    | 0    | O        | 0      | 0     |             |
| 50<br>51                | TRACE | TRACE  | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0      | 0     | TRAC        |
| 49                      |       | TRACE  | i     | 0    | 0    | 0    | 0    |      | 0    | 0        | 0      | TRACE | TRAC        |
| 40                      | 0     |        | 0     | Ö    | Ö    | Ö    | 0    | 0    | 0    | 0        |        | 0     |             |
| 46                      | 0     | 3      | 0     | 0    |      |      | a    | 0    | 0    | 0        | 0      | 0     |             |
| rear `                  | JAN   | FEB    | MAR.  | APR  | MAY  | JUN. | JUL. | AUG  | SEP  | OCT.     | NOV    | DEC   | MONTHS      |

USAF ETAC FORM 0-88 5 (OLI)

4

### EXTREME VALUES

SNOW DEPTH (FROM DAILY OBSERVATIONS)

4311 TUMYO TAP JAPAN 46#60 TEARS

# DAILY SNOW DEPTH IN INCHES /BASED ON LESS THAN FULL MONTHS/

| MONTH<br>YEAR | JAN,    | FEB            | MAR      | APR.         | MAY | NUL                | ງບເ      | AUG | SEP.                     | ОСТ.    | МОЛ      | DEC.    | All<br>MONTHS |
|---------------|---------|----------------|----------|--------------|-----|--------------------|----------|-----|--------------------------|---------|----------|---------|---------------|
| 46            |         |                | 1        | !            |     |                    |          |     | <u>1</u> 9               |         |          |         | SNO DPT       |
| 47            |         | - <del></del>  | 1        | 1            |     |                    |          |     |                          |         |          | 30      | SNO DPTI      |
| 48            |         | 28             | 0        |              | ,   |                    |          |     |                          |         | 29<br>29 |         | SNO DPTI      |
| 51            |         |                |          |              |     | 0<br>16            |          |     |                          |         |          |         | SNG DPTI      |
| 56            |         |                | . 22     | O TRACE      | 29  |                    | 11 0     | 20  | 18                       | 0<br>15 | 23       | 21      | SHO DPT       |
| 57            | 18      | O TRAC         | E 20     | 0 0          |     |                    | 0<br>24  | 29  | 21                       |         | 26       | 0       | SNO DPT       |
| 58            | 26      |                | 0 28     | 1 0          |     | 0<br>16            | 21<br>21 | 20  | 15                       |         | 18       |         | SNO DPT       |
| 59            | 18      | 2 TRAC         |          | 0 0          |     |                    |          | 22  | 26                       |         | 20       | 0<br>26 | SNO DPT       |
| 60            | 24.     | 0 27           | 0 28     | <b>D</b> , 0 |     |                    |          |     |                          |         |          |         | SNO DPT       |
|               |         |                |          |              |     |                    |          |     |                          |         |          |         |               |
| '!<br>        |         |                | <u> </u> |              |     |                    |          |     |                          |         |          |         |               |
|               |         | - <del>!</del> | 1        |              |     |                    |          |     |                          |         |          |         |               |
|               |         |                |          |              |     |                    |          |     |                          |         |          |         |               |
|               |         |                | ļ        |              |     |                    |          |     |                          |         |          |         |               |
| 4             | ~ ··· • | <br>           | .        |              | :   | r (Files and Files |          |     | 713. <u>-111</u> -114-11 |         |          |         |               |
| MEAN          |         | -              |          |              | ļ   |                    |          |     |                          |         |          |         |               |
| S D TOTAL OBS |         | - 1            |          |              | ·   |                    |          |     |                          |         |          |         | 1             |

USAF ETAC FOFA 0-88-5 (OLI)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Carcular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders. "DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (known in increment of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

C - 1

74-29962

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | דמעי                    | YO TAP      |             |             |             |             | 46          | -60,67      |             |             |             |                    |      | ALL                   |
|---------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|------|-----------------------|
| MOLTATE |                         |             | \$TATEO!    | 3 KAN E     |             | ALL W       | EATHER      | ····-       | ····        | EARS        |             |                    |      | ALL<br>S(LST)         |
|         |                         |             |             |             |             | COM         | DITION      |             |             |             | <u> </u>    |                    |      |                       |
|         | SPEED<br>(KNTS)<br>DIR, | 1 · 3       | 4-6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 · 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56                | %    | MEAN<br>WIND<br>SPEED |
| {       | N                       | . 7         | 2.3         | 4.6         | 4.7         | 1.6         | • 6         | • 1         | •0          |             | .0          |                    | 14.6 | 11.2                  |
|         | NNE                     | . 5         | 1.8         | 3.5         | 3.0         | .6          |             | • 0         | •0          | • 0         |             |                    | 9.5  | 9.9                   |
| i i     | NE                      | . 5         | 1.9         | 2.7         | 1.7         | . 3         | - 1         | .0          | •0          |             |             |                    | 7,2  | 8.8                   |
| [       | ENE                     | . 4         | 1.6         | 1.9         | 1.1         | 1           | •0          | .0          |             |             |             |                    | 5.0  |                       |
| [       | E                       | . 5         | 1.8         | 1.7         | .6          | •0          | • 0         | .0          | •           |             |             |                    | 4.7  | 7.2                   |
| [       | ESE                     | . 3         | 1.3         | 1.4         | . 5         | .0          | •           | • 0         | •           |             | .0          | .0                 | 3.5  |                       |
|         | \$E                     |             | 1,1         | 1.2         | .3          | o           | 0           | • 0         | 0           | • 0         | O           |                    | 3.0  |                       |
|         | SSE                     | 3           | 1.2         | 1.7         | 1.0         | . 3         | 0           | . 0         | •           | . 0         |             |                    | 4,4  | 8.8                   |
|         | S                       | . 4         | 1.3         | 3.1         | 3.5         | . 9         | • 2         | .0          | •0          | • 0         | 0           |                    | 9.5  | 11.1                  |
|         | ssw                     | , 3         | .7          | 1.4         |             | 1.1         | . 5         | 1           |             | ٥           | .0          |                    | 6,5  | 13.1                  |
|         | sw                      | . 4         | . 5         |             |             | 3           | - 1         | • 0         |             |             |             |                    | 2.3  | 9.8                   |
|         | wsw                     | 5           | . 6         | . 3         |             | .0          | • 0         | <u></u>     | 0           |             |             |                    | 1.5  |                       |
| Į.      | w                       | . 8         |             | ,2          | . 1         | .0          | • 0         | .0          |             |             |             |                    | 2.1  | 4.6                   |
| i.      | WNW                     | .6          |             | . 4         | 1           | . 0         |             | .0          |             | 0           |             |                    | 2.4  |                       |
| Į.      | NW                      | . 9         |             | 1.7         |             |             | . 2         | • 0         | .0          | . 0         |             |                    | 6.0  |                       |
|         | NNW                     | .7          | 2.4         | 4.3         | 4.0         | 1.5         | . 8         | . 1         | •0          | • 0         |             |                    | 13.8 | 11.4                  |
|         | VARBL                   | 2           |             |             |             |             |             |             |             |             |             |                    | . 3  | 2.7                   |
| Ì       | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\searrow \bigvee$ | 3.4  |                       |
| [       |                         | 2.0         |             |             |             |             |             |             |             |             |             |                    |      | I                     |

TOTAL NUMBER OF OBSERVATIONS 163549

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSCILETE

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# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYU IAP JAPAN/HUNSHU | 47-60,68-72 | JAN            |
|---------|------------------------|-------------|----------------|
| STATION | STATION NAME           | YEARS       | MONTH          |
|         |                        | ALL WEATHER | ALL            |
|         | <del></del>            | CLASS       | HOURS (L.S T.) |
|         |                        |             | _              |
|         |                        | CONDITION   |                |
|         |                        |             | _              |
|         |                        |             |                |
|         |                        |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|--------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-----|-------|-----------------------|
| N                       | . 9         | 2.7   | 5.8    | 6.1         | 2.3         | . 9         | • 3         | •0          |             | i       |     | 19.0  | 11.6                  |
| NNE                     | .5          | 1.6   | 3.6    | 2.4         | . 3         | •0          |             |             |             | i       |     | 8.4   | 9.3                   |
| NE                      | .6          | 1.6   | 1.9    | •7          | .0          | •0          |             |             |             |         |     | 4.8   | 7.3                   |
| ENE                     | . 4         | 1.3   | . 8    | .2          | .0          |             |             |             |             |         |     | 2.7   | 6,3                   |
| Ε                       | .6          | 1.6   |        | • 1         |             |             |             |             |             |         | i   | 3.2   | 5,5                   |
| ESE                     | .3          | 1.2   |        |             |             |             |             |             |             |         |     | 2.2   | 5.8                   |
| SE                      | . 4         | 1.0   | . 5    | • 0         |             |             | • 0         |             |             |         |     | 1.9   |                       |
| SSE                     | . 4         | .6    | . 5    | . 1         | .0          |             |             |             |             |         |     | 1.5   | 5.9                   |
| S                       | . 3         | 5     | . 6    | . 2         | . 1         |             | •0          | .0          |             |         |     | 1.8   | 8.5                   |
| ssw                     | , 2         |       | . 4    | . 6         | . 4         | . 3         | •0          |             |             |         |     | 2.3   | 13.3                  |
| sw                      | . 4         | . 7   | .7     | 9           | ,6          |             | • 1         |             | I           |         |     | 3.7   | 12.0                  |
| wsw                     | . 5         | 1.0   | . 8    | . 4         | . 1         | •0          | •           |             |             |         |     | 2.8   |                       |
| *                       | 1.1         | 1.8   | . 5    | 2           | . 0         | •0          |             |             |             | i       |     | 3.7   | 5.2                   |
| WNW                     | 1.0         | 2.1   | .7     | . 2         |             | • 0         |             |             |             |         |     | 4.1   | 5.6                   |
| NW                      | 1.2         | 3.7   | 2.9    | 1.8         | . 6         | . 4         | .1          | -0          |             |         |     | 10.8  | 8.8                   |
| WMM                     | 1.1         | 3,9   | 6.6    | 7.0         | 3.1         | 1.5         | , 2         |             |             |         |     | 23.4  | 11.7                  |
| VARBL                   | 3           | . 1   |        |             |             |             |             |             |             |         |     | . 4   | 2.6                   |
| CALM                    | $\geq \leq$ | $\ge$ | ><     | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |         |     | 3.3   |                       |
|                         | 10.0        | 25.8  | 27.7   | 21.0        | 7,8         | 3.6         | .7          | 1           |             |         |     | 100.0 | 9.3                   |

TOTAL NUMBER OF OBSERVATIONS 13599

> NNW VARBL CALM

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 311 | TOKY                    | (I IAP | JAPAN/  |        |             |         | 47      | 60,68   |  | EARS    |             |     |      | EB                    |
|-----|-------------------------|--------|---------|--------|-------------|---------|---------|---------|--|---------|-------------|-----|------|-----------------------|
| •   |                         | -      | STATION |        | <del></del> | ALL W   | EATHER  |         | ······································ | CARS    | <del></del> |     |      | ALL<br>(L.S.T.)       |
|     |                         | -      |         |        |             | CON     | DITION  |         |  |         |             |     |      |                       |
|     | SPEED<br>(KNTS)<br>DIR, | 1 - 3  | 4-6     | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40                                | 41 - 47 | 48 - 55     | ≥56 | *    | MEAN<br>WIND<br>SPEED |
|     | N                       | .0     | 2.4     | 6.1    | 7.4         | 3.1     | 1.4     | . 2     | •0                                     |         |             |     | 21.2 | 12.5                  |
|     | NNE                     | •      | 1.6     | 3.6    | 3.2         | .7      | . 3     | •0      |  |         |             |     | 7.9  | 10.2                  |
|     | NE                      | .:     | 1.4     | 2.4    | 1.1         | . 2     |         |         |  |         |             |     | 5.6  | 8.4                   |
|     | ENE                     |        | 1.3     | 1.3    | , 4         | . 1     | .0      | • 0     |  |         |             |     | 3.3  | 7.5                   |
|     | E                       | . !    |         | 1.2    | , 3         | .0      | • 0     |         |  |         |             |     | 3.5  | 6.7                   |
|     | ESE                     |        |         | 1.1    | • 1         |         |         |         |  |         |             |     | 2.8  | 6.4                   |
|     | SE                      |        | . 9     | 1.1    | • 1         |         |         |         |  | .0      |             |     | 2.5  | 6.6                   |
|     | SSE                     | , :    |         | . 8    | . 2         | . 0     | · C     |         |  | .0      |             |     | 2.1  | 7.4                   |
|     | S                       |        |         | 8      |             | . 3     | • 1     | • 0     |  | L       |             |     | 2.8  | 10.3                  |
|     | ssw                     |        | . 2     | 5      | 9           |         | • 2     | 1       |  | 0       |             |     | 2.5  | 13.8                  |
|     | sw                      |        | . 4     | . 4    | ,4          | . 2     | • 2     | • 0     |  |         |             |     | 1.9  | 10.6                  |
|     | wsw                     |        |         | 3      | . 1         | .0      |         | .0      |  |         |             |     | 1.4  | 6.0                   |
|     | W                       | 9      | 1.2     | 4      | l           | .0      | • 0     | • 0     |  |         |             |     | 2.6  | 4.8                   |
|     | WNW                     |        | 1.7     | 7      | . 3         | .0      |         |         |  |         |             |     | 3.5  | 5.9                   |
|     | An.                     | 1 /    | 2 7     | 2 0    | . 4         | O       |         |         |  |         |             |     | A #  | - 0 4                 |

TOTAL NUMBER OF OBSERVATIONS 12368

9.9

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TUK                     | U JAP       | JAPAN/I     | -ONSHU      | <del></del> | <del></del> | 47      | -60,67      | <del>-72</del> | EARS    |             |          | - <u>}</u> | AR                    |
|------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|----------------|---------|-------------|----------|------------|-----------------------|
|                  |                         |             |             |             | ·           | ALL W       | EATHER  |             |                |         |             |          | HOURS      | 4 L L<br>(L.S.T.)     |
|                  |                         |             |             |             |             | сон         | NOITION |             |                |         |             |          |            |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40        | 41 - 47 | 48 - 55     | ≥56      | *          | MEAN<br>WIND<br>SPEED |
|                  | N                       | .6          | 2.3         | 4.8         | 6.3         | 2.4         | 1.1     | • 1         |                |         |             |          | 17.6       | 12.2                  |
|                  | NNE                     | . 5         | 1.8         | 3.4         | 3.2         | . 9         | . 3     | •0          |                |         |             |          | 10.2       | 10.4                  |
|                  | NE                      | .5          | 1.8         | 2.4         | 1.9         | . 5         | • 1     |             |                |         | i           |          | 7.1        | 9.2                   |
|                  | ENE                     | . 4         | 1.2         |             | 1.1         | , 2         | 0       | • 0         |                |         |             |          | 4.7        | 8.7                   |
| į                | E                       | . 4         | 1.4         | 1.8         | . 6         | - 1         |         |             |                |         |             |          | 4.2        | 7,4                   |
|                  | ESE                     | . 3         | . 8         | 1.5         | . 5         | 0           | • 0     | •0          |                |         |             |          | 3.2        | 8.0                   |
|                  | SE                      |             | 1.0         | 1.5         |             | 0           |         |             |                |         |             |          | 3.4        | 7.6                   |
| [                | SSE                     | . 4         | . 9         | 1.3         | 8           | - 1         | • d     |             |                |         |             |          | 3.4        | 8.5                   |
|                  | \$                      | , 2         | . 6         | 1.7         | 1.8         | . 7         | 2       |             | 0              |         |             |          | 5.4        | 11.9                  |
|                  | ssw                     | . 1         | . 4         | .7          | 1.8         | 1.1         | 8       | . 3         | 1              |         |             |          | 5,2        | 16.0                  |
|                  | SW                      | 5,          |             | . 3         |             | , 2         |         | <u> </u>    |                |         | İ           |          | 1.6        | 11.1                  |
|                  | WSW                     | , 3         | 4           | 3           | 1           | 0           |         |             |                |         |             |          | 1.1        | 6.7                   |
|                  | w_                      | . 6         |             | 2           | 4           |             | 0       |             |                |         | ļ           |          | 1.6        | 4.8                   |
|                  | WNW                     | . 5         | . 9         | 3           |             |             | 9       |             |                |         | ļ           | <u> </u> | 2.0        | 6.2                   |
|                  | NW                      | g           | 2.1         | 2.3         | 1.5         |             |         |             | 0              |         | <u> </u>    |          | 7.9        | 9,9                   |
|                  | NNW                     | . 6         | 2.2         | 4.9         | 5.9         | 2,8         | 1.7     | ,3          | • 1            |         | ļ           | <b> </b> | 18.6       | 13.0                  |
|                  | VARBL                   | _ •         | <u> </u>    |             | <del></del> |             |         | <del></del> |                |         |             |          | <u></u> .  | 3.2                   |
|                  | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | > <     | $\geq \leq$ | $\geq \leq$    | ><      | $\geq \leq$ |          | 2.6        |                       |
|                  |                         | 6,6         | 19.1        | 29.3        | 26.7        | 9,6         | 5.0     | 1.0         | . 2            |         |             |          | 100.0      | 10.5                  |

TOTAL NUMBER OF OBSERVATIONS 14292

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 47-60,      | 67,69-72    | APR            |
|---------|------------------------|-------------|-------------|----------------|
| STATION | STATION NAME           |             | YEARS       | MONTH          |
|         |                        | ALL WEATHER |             | ALL            |
|         |                        | CLASS       |             | HOURS (L.S T.) |
|         |                        |             |             |                |
|         |                        | CONDITION   | <del></del> |                |

| SPEED<br>(KNTS)<br>OIR. | 1 - 3       | 4 · 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|-------------|----------|----------|-----|-------|-----------------------|
| N                       | .5          | 1.8         |             | 4.1         | 1.8         | • 9     | • 1         | • 0         |          |          |     | 13.0  | 12.0                  |
| NNE                     | .4          | 1.7         | 3.1         | 2.7         | . 8         | • 1     |             |             |          |          |     | a.9   | 10.2                  |
| NE                      | ٠,5         | 1.8         | 2.7         | 1.9         | . 5         | • 1     |             |             |          |          |     | 7.5   |                       |
| ENE                     | . 3         | 1.5         | 1.9         | 1.6         | . 1         | • 0     |             |             |          |          |     | 5.4   |                       |
| E                       | . 4         | 1.6         |             | 1.0         | • 0         | • 0     |             |             |          |          |     | 4.9   |                       |
| ESE                     | , 3         | .9          | 1.6         | . 8         | .0          | • 0     | •0          |             |          |          |     | 3.5   | 8.5                   |
| SE                      | . 4         | 1.0         | 1.5         | . 5         | .0          |         | • 0         |             |          |          |     | 3,4   | 7,6                   |
| SSE                     | .4          | 1.3         | 2,2         |             | . 3         | • 1     | •0          |             |          |          |     | 6.0   | 9,6                   |
| S                       | ,3          | 1.2         | 3.2         | 4.8         | 1.5         | 5       | • 1         | •0          |          |          |     | 11.6  |                       |
| SSW                     | . 2         | .6          | 1.7         | 3,4         | 2.0         | 1.0     | .3          | . 1         | •0       |          |     | 9,3   |                       |
| sw                      | . 3         | . 4         | . 5         | . 5         | 3           | • 1     | •0          | • 0         |          |          |     | 2.2   | 11.0                  |
| wsw                     | . 3         | .5          | . 2         | , Q         | 0           | .0      |             |             |          |          |     | 1.1   |                       |
| w                       | 6           | . 5         | ,2          | .0          | . 0         |         | .0          |             |          |          |     | 1.6   | 5.4                   |
| WNW                     | .4          | , 9         | . 3         | . 1         | 0           | • 0     |             |             |          |          |     | 1.8   | 5.8                   |
| NW                      | . 5         | 1.7         | 1.4         |             | 4           | 3       | • 0         | .0          |          |          |     | 5.1   | 9.2                   |
| NNW                     | . 5         | 1.7         | 3.1         | 3.1         | 1.5         | 1.0     | 2           | • 0         |          |          |     | 11.2  | 12.3                  |
| VARBL                   | 1           | 0           |             |             |             |         |             |             |          |          |     | - 1   | 2,7                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | > <     | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq <$ | ><  | 3.4   |                       |
|                         | 6,3         | 19.5        | 29.3        | 27.0        | 9,5         | 4.2     | . 8         | . 1         | •0       |          |     | 100.0 | 10.3                  |

TOTAL NUMBER OF OBSERVATIONS 13217

USAFETAC  $\frac{\text{form}}{\text{JUL 64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

> NW NNW VARBL

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOK            | YU IAP       | JAPAN/       | ~UNSHU |         |         | 47      | -60,67  | 169-72  |         |                |              |       | MAY           |
|---------|----------------|--------------|--------------|--------|---------|---------|---------|---------|---------|---------|----------------|--------------|-------|---------------|
| STATION |                |              | STATION      | HAME   |         |         |         |         | - Y     | EARS    |                |              | ×     | IONTH         |
|         |                | _            |              |        |         | ALL W   | EATHER  |         |         |         |                |              |       | ALL           |
|         |                | -            |              |        |         | C       | ASS     |         |         |         |                |              | HOURS | (L S T.)      |
|         |                | _            |              |        |         |         |         |         |         |         |                |              |       |               |
|         |                |              |              |        |         | COH     | DITION  |         |         |         |                |              |       |               |
|         |                | _            |              |        |         |         |         |         |         |         |                |              |       |               |
|         |                |              |              |        |         |         |         |         |         |         | -              |              |       |               |
| -       |                |              |              |        |         |         |         |         |         |         |                |              |       |               |
| j       | SPEED          |              | ] ]          | j      | ]       |         |         |         |         |         | ]              | }            | ) )   | MEAN          |
|         | (KNTS)<br>DIR. | 1 - 3        | 4-6          | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55        | ≥56          | %     | WIND<br>SPEED |
| j       | DIR.           | <u> </u><br> |              |        |         |         |         |         |         |         |                |              |       |               |
| Į.      | N N            |              |              | 2.5    | 2.3     | 1.1     |         |         |         |         | <u> </u>       | <u> </u>     | 8.2   |               |
| Į.      | NNE            |              |              | 2.4    | 2.3     | . 8     | • 2     |         |         |         | J              |              | 7.4   | 10.4          |
|         | NE             |              | 1.8          | 2.7    | 2.0     | . 4     | • 0     | .0      |         |         |                | İ            | 7.5   | 9,3           |
| [       | ENE            |              | 1.0          | 2.4    | 1.7     | . 3     | - 1     |         |         |         |                |              | 6.4   |               |
| ſ       | E              |              |              | 3.1    | 1.5     | .1      |         |         |         |         | i              | i            | 7.6   | 8.0           |
|         | ESE            |              | 1.5          | 2.5    | 1.4     |         |         |         |         |         |                | <del></del>  | 5.8   | 8.8           |
| ſ       | SF             |              | 1.6          | 1.8    | .5      |         |         | •0      |         |         | <del> </del> - | i            | 4.4   | 7.9           |
| Ţ       | SSE            |              |              | 2.9    | 2.0     | . 1     | . 1     | •0      |         |         | T              | <del> </del> | 7.5   | 9.3           |
| Ì       | \$             |              | <del>,</del> | 5.0    | 6.3     |         |         | • 0     |         |         | <del> </del>   |              | 15.7  | 11.8          |
| t       | ssw            |              |              | 2.0    | 3.4     |         |         | . 2     |         |         |                | <del> </del> | 9.1   | 11.8          |
| ľ       | sw             |              | .+           | .6     | . 4     |         |         | .0      |         |         | <del> </del>   | <del> </del> | 2.3   | 9.0           |
| t       | wsw            |              |              | .3     |         |         |         |         |         |         | <del> </del>   | <del></del>  | 1.5   | 9.0<br>5.0    |
| ł       | - W            |              |              |        | a       |         |         |         |         |         | <del> </del>   | <del></del>  | 1.6   | 4 1           |
| ŀ       | WNW            |              | 1.0          | - 3    |         |         |         |         |         |         | <del> </del>   | <del> </del> | 1.9   |               |

TOTAL NUMBER OF OBSERVATIONS 13752

3,5

USAFETAC FORM G-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO TAP JAPAN/HONSHU | 47-60,67,69-72 | JUN                   |
|---------|------------------------|----------------|-----------------------|
| STATION | STATICA HAME           | YEARS          | нтком                 |
|         |                        | ALL WEATHER    | ALL HOURS (LST.)      |
|         |                        | CONDITION      | and the second second |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|----------|-------------|-------------|---------|-------------|-------------|----------|-------------|-----|-------|-----------------------|
| N                       | . 5         | 1.3         | 2.4      | 2.3         | .5          | • 1     |             |             |          |             |     | 7.1   | 10,0                  |
| NNE                     | . 4         | 1.7         | 3.2      | 3.0         | . 8         | • 1     |             |             |          |             | i   | 9,2   | 10.2                  |
| NE                      | . 8         | 2.3         | 3.6      |             | . 4         | • 1     |             |             |          |             |     | 9.4   | 8,8                   |
| ENE                     | . 4         | 2.3         |          |             | . 2         | • 0     |             |             |          |             |     | 7.3   | 8.5                   |
| E                       | . 7         | 2.3         |          |             | . 1         | • 0     |             |             |          |             |     | 6.7   | 7,                    |
| ESE                     | .5          | 1.8         | 2.2      | . 6         | .0          | • 0     |             |             |          |             |     | 5,1   | 7,3                   |
| SE                      | . 4         | 1.4         |          | . 4         | .0          | •0      |             |             |          |             |     | 4.1   | 7.0                   |
| \$SE .                  | . 4         | 2.0         |          | 1.4         | . 1         | •0      | •0          |             |          |             |     | 7.1   | { 2                   |
| S                       | . 7         | 2.4         |          |             | 1.3         | • 3     | • 0         | • 0         |          |             |     | 16.1  | 10.0                  |
| SSW                     | . 3         | 1.1         | 2.5      | 3.7         | 1.6         | . 7     | . 1         |             |          |             |     | 10.1  | 12,                   |
| sw                      | .5          | . 5         |          |             | . 1         | •0      |             |             |          | <u> </u>    |     | 2,0   | 7.                    |
| W:SW                    | . 5         | 7           |          | 0           | .0          |         |             |             |          | ļ           |     | 1.3   | 4.                    |
| W                       | 6           | . 8         | 2        |             |             | 0       |             |             |          |             |     | 1.7   | 4.                    |
| WNW                     | . 5         | 7           |          | 0           | .0          | •0      |             |             |          |             |     | 1.6   | 4.                    |
| NW                      |             | 8           |          |             |             | 2       |             |             |          |             |     | 2.3   | 7.                    |
| NNW                     | , 4         | 1.3         | 1.3      | 1.4         | , 5         | 1       |             |             |          | L           |     | 5.1   | 10.                   |
| VARBL                   | 1           | 0           |          |             |             |         |             | L           | <u> </u> | <u> </u>    |     | . 2   | 2,                    |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ | ><       | $\geq \leq$ | ><  | 3.7   |                       |
|                         | 8.3         | 23.5        | 32.5     | 24.3        | 5,7         | 1.6     | .2          | .0          |          |             |     | 100.0 | 8.                    |

TOTAL NUMBER OF OBSERVATIONS 12844

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 47-60,67,69-72 | JUL            |
|---------|------------------------|----------------|----------------|
| STATION | STATION NAME           | YEARS          | MONTH          |
|         |                        | ALL WEATHER    | ALL            |
|         | <del></del>            | CLASS          | HOURS (E.S.T.) |
|         |                        |                |                |
|         | <del></del>            | ZAVELENAV      | <del>_</del>   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|---------|-------------|-----|-------|-----------------------|
| И                       | . 4         | 1.3         |             | 1.1         | . 3         | •0          |             |         |         |             |     | 4.4   | 8,8                   |
| NNE                     | . 3         | 1.6         |             | 1.8         | . 3         | • 0         |             |         |         |             |     | 6.6   | 9.1                   |
| NE                      | . 5         | 2.3         | 3.2         | 1.8         | . 2         | • 0         | • 0         |         |         |             |     | 8.0   | 8,5                   |
| ENE                     | . 5         | 2.0         | 2.4         | 1.2         | . 2         | • 0         |             |         |         |             |     | 6.3   |                       |
| E                       | • 4         | 2.4         | 1.8         | . 6         | 1           | • Ø         |             |         |         |             |     | 5.4   | 7.1                   |
| ESE                     | . 4         | 1.6         | 1.9         |             | 1           |             |             |         |         |             |     | 4.7   | 7.6                   |
| SE                      | . 4         | 1.4         | 1.5         | . 3         | .0          | • 0         |             |         |         |             |     | 3.6   |                       |
| SSE                     | . 4         | 2.0         | 3.2         | 1.9         | 4           | 0           | • 0         |         | .0      |             |     | 6.9   | 9,1                   |
| \$                      | . 7         | 3.3         | 8.1         | 9.0         | 1.8         |             | <b>.</b> 0  |         |         |             |     | 23.1  | 10.7                  |
| ssw                     | . 6         | 1.8         | 3.6         | 5.5         | 2,4         | 8           | .0          | • 0     | .0      |             |     | 14.8  | 12.2                  |
| sw                      | . 8         | 1.1         | 8           | 6           | 3           | 1           | • Q         |         |         |             |     | 3.7   | 8.3                   |
| wsw                     | . 6         | 7           | 2           | 0           |             |             |             |         |         |             |     | 1.5   |                       |
| w                       | . 8         | 7           | 1           | d           |             |             |             |         |         |             |     | 1.6   | 3.9                   |
| WNW                     | 3           | 5           | 1           |             |             |             |             |         |         |             |     | 9     |                       |
| NW                      | 5           | 5           | 4           | 1           | 0           | 0           |             |         |         |             |     | 1.5   |                       |
| NNW                     | - 4         | .8          | 5           | 5           | 1           | 0           |             |         |         |             |     | 2.3   | 7.7                   |
| VARBL                   |             | 0           |             |             |             |             |             |         |         |             |     | 1     | 2.7                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><      | ><      | $\geq \leq$ |     | 3.7   |                       |
|                         | 8.1         | 24.0        | 31.4        | 25.1        | 6.1         | 1.4         | . 1         | •0      | .0      |             |     | 100.0 | 8.9                   |

TOTAL NUMBER OF OBSERVATIONS 13576

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 47-60,67-   | 72    | AUG         |
|---------|------------------------|-------------|-------|-------------|
| STATION | STATION NAME           | <del></del> | YEARS | MONTH       |
|         |                        | ALL WEATHER |       | ALL         |
|         |                        | cuss        |       | HOURS (LST) |
|         |                        | CONDITION   |       |             |

|                         | 7.5   | 23.1  | 33.0   | 25.5    | 5,7     | 1.7        | .3       | . 1     | ,0      | .0      | •0  | 100.0 | _9,                   |
|-------------------------|-------|-------|--------|---------|---------|------------|----------|---------|---------|---------|-----|-------|-----------------------|
| CALM                    | ><    | ><    | ><     | ><      | ><      | $\times$   | $\times$ | ><      | ><      | ><      | ><  | 3.2   |                       |
| VARBL                   | . 2   |       |        | L       |         |            |          |         |         |         |     | 2     | 2,                    |
| NNW                     | . 3   | . 8   | 1.3    | . 9     | . 2     | - 1        | • 0      |         |         |         |     | 3.7   | 9                     |
| NW                      | . 5   | 1.1   | .7     | . 3     | .0      | •0         |          |         |         |         |     | 2.5   | 6                     |
| WNW                     | . 4   | . 13  | . 1    |         | .0      |            |          |         |         |         |     | 1.4   | 4                     |
| w                       | . 7   | 1.0   | .2     | 0       | .0      |            |          |         |         |         |     | 1.9   | 4                     |
| wsw                     | .7    | .7    | .3     | .0      | .0      |            |          |         |         |         |     | 1.7   | 4                     |
| sw                      | .6    | . 8   |        |         | . 2     | • 0        |          | 7.7     |         |         |     | 2.6   | 7                     |
| ssw                     | .7    |       |        |         | 1.5     |            |          | • 0     |         |         |     | 11.1  | 12                    |
| S                       | .6    | 2.5   |        |         | 2.0     |            | • 1      | • 0     | • 0     | • 0     |     | 20.6  | 11                    |
| SSE                     | .5    | 1.8   |        |         | . 4     | •1         | •0       | •       |         | • • •   |     | 8.5   | ġ                     |
| SE                      | .4    | 1.5   |        |         | .0      |            | •0       | • 0     |         | • 0     |     | 4.4   | 7                     |
| ESE                     | .4    |       |        |         |         | • 0        | •0       | •0      |         | • 0     | •0  | 4.5   | 8                     |
|                         | .4    | 2.3   | 2.2    |         | 1       | • 0        | •0       | • 0     |         |         |     | 5.9   | 7                     |
| ENE                     | .2    | 1.8   |        |         |         | • 0        |          |         |         |         |     | 5.7   | 8                     |
| NE                      | . 3   | 2.1   | 3.1    | 1.7     |         | <u>• 1</u> | • 0      | •0      |         |         |     | 8.1   | 9                     |
| NNE                     | .4    | 1.5   |        | 1.6     |         | - 1        | •0       |         |         |         |     | 6.4   | 9                     |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27    | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |

TOTAL NUMBER OF OBSERVATIONS 14179

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u> | TUKY                    | n IAP | JAPAN/       | HUNSHU |         | <del></del> | 46      | <u>-54,56</u> | -60,67  | -72         | <del></del> |     |       | SEP                   |
|----------|-------------------------|-------|--------------|--------|---------|-------------|---------|---------------|---------|-------------|-------------|-----|-------|-----------------------|
|          |                         | _     |              |        |         | ALL W       | EATHER  |               |         |             |             |     |       | ALL                   |
|          |                         | _     |              |        |         | C           | LASS    |               |         |             |             |     | HOURS | (L S T.)              |
|          |                         | -     | <del> </del> |        |         | CON         | KOITIO  |               |         | <del></del> |             |     |       |                       |
| r        |                         |       |              |        |         |             |         |               |         |             |             |     |       |                       |
|          | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6          | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27 | 28 - 33       | 34 - 40 | 41 - 47     | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
| ſ        | N                       |       | 2.9          | 5.7    | 4.1     | .7          | .3      | • 0           | • 0     |             | • 0         |     | 14.7  | 9,1                   |
| Ī        | NNE                     | .6    | 2.9          | 4.6    | 3.3     | .4          | • 1     | •0            | •0      | •0          |             |     | 11.9  | 9.1                   |
| ſ        | NE                      |       |              |        |         | .3          |         |               |         |             |             | t   | 9.1   | 8,5                   |
| ſ        | ENE                     | . 4   | 1.9          | 2.7    | 2.0     | . 3         | • 0     | •0            |         |             |             |     | 7.3   | 8.9                   |
|          | E                       |       | 1.9          | 2.3    |         | .0          | • 0     | • 0           |         |             |             |     | 5.5   | 7.5                   |
|          | ESE                     |       | 1.3          | 1.6    | , 5     | .1          | • 0     |               |         |             |             |     | 4.0   | 7.4                   |
|          | SE                      |       |              | 1.4    | , 3     | . 1         | • 1     | • 0           | .0      |             |             |     | 3.6   | 7.9                   |
|          | SSE                     |       | 1.3          | 1.9    |         | . 3         | . 1     | .0            | . 1     |             |             |     | 5.0   | 9,5                   |
| Ĺ        | S                       |       | 1.2          | 3.5    | 3.6     | 8           | . 2     | . 1           | . 0     | 0           |             |     | 9.8   | 11.2                  |
| L        | ssw                     |       |              | 1.6    | 2.2     | 1.1         | . 3     | • 0           | . 0     |             | . 0         |     | 6.1   | 12.6                  |
| Ĺ        | sw                      |       | .4           | . 4    | ,3      | • 1         | • 1     |               |         |             |             |     | 1.6   | 8,3                   |
| L        | wsw                     |       |              |        | • 0     |             |         |               | .0      |             |             |     | ç     | 4.9                   |
| L        | w                       |       |              | 1      |         | 0           |         |               |         |             |             |     | 1.0   | 4,5                   |
| _        | WNW                     | ا ز   |              |        |         | 0           |         | 0             |         | 0           |             |     | 1.6   | 5,6                   |
| L        | NW                      |       |              |        | 4       | 0           |         | 0             | 0       | 0           |             |     | 3.8   | 6.9                   |
| 1        | NNW                     |       |              | 3.8    | 2.2     | . 6         | 2       | 1             | 0       |             |             |     | 9.6   | 9,7                   |
| - 1      | VARBL II                |       | 7 1          |        | 1 1     |             | 1       |               |         | _           |             |     | 2     | 2.8                   |

TOTAL NUMBER OF OBSERVATIONS

13732

8 . A

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CALM

DATA PRUCESSING BRANCH ETAC/USAF
AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

## SURFACE WINDS

TOTAL NUMBER OF OBSERVASIONS 14405

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 11 | TOKY                    | U IAP       | JAPAN/I     | HONSHU      | <del></del> |   | 46          | 54,56                |             | -72         |             |  |       | GC T                  |
|----|-------------------------|-------------|-------------|-------------|-------------|---|-------------|----------------------|-------------|-------------|-------------|--|-------|-----------------------|
|    |                         | _           |             |             |             | ALL W   | EATHER      |                      |             |             |             |  |       | 4 L L<br>(L.8 T.)     |
|    |                         |             |             |             |             | CON   | DITION      | · <del>·······</del> |             |             |             |  |       |                       |
| _  | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 · 6       | 7 - 10      | 11 - 16     | 17 - 21                                       | 22 - 27     | 28 - 33              | 34 - 40     | 41 - 47     | 48 - 55     | ≥56  | *     | MEAN<br>WIND<br>SPEED |
| _  | N                       | .8          | 3.0         | 7.3         | 8.7         | 2.6   | 1.0         | . 3                  | •0          |             |             |  | 23.7  | 11.7                  |
| _  | NNE                     | .5          | 1.9         | 5.0         | 4.7         | . 8   | . 2         | • 0                  | •0          |             |             |  | 13.0  | 10.4                  |
| Γ  | NE                      | . 3         | 1.5         | 3.5         |             |   |             | • 0                  |             |             | i           |  | 8.6   | 9.7                   |
|    | ENE                     | .3          | 1.1         | 1.9         | 1.1         |   | • 0         |                      |             |             |             |  | 4.7   | 8,5                   |
|    | E                       | . 4         | 1.4         | 1.4         |             | .0  |             |                      |             |             |             |  | 3.6   | 8.5<br>7.1            |
| _  | ESE                     | . 3         | 1.0         | .9          |             |   |             |                      |             |             | 1           |  | 2.4   | 6.9                   |
|    | SE                      | . 3         | .9          | .7          | . 1         |   |             |                      |             |             |             |  | 2.0   | 6.2                   |
| _  | SSE                     | . 2         | . 5         | . 5         | . 1         | .0  |             |                      |             |             |             |  | 1.3   | 6,5                   |
|    | 5                       | . 3         | .5          | 1.2         | 1.0         | . 2   | •0          | . 0                  |             |             |             |  | 3.3   | 9.6                   |
| _  | ssw                     | λ           | . 4         | .6          | . 9         |   | . 4         | • 1                  | • 0         |             |             |  | 2,9   | 13.6                  |
| _  | sw                      | . 2         | .2          | . 2         | . 3         | . 1   | • 0         | • 0                  |             |             | <u> </u>    | <u>                                     </u> | 1.1   | 9.2                   |
| L  | wsw                     | . 3         | .3          | .1          | •0          | 0   | • 0         |                      |             |             |             |  |       | 5,0                   |
| L  | w                       | . 5         | .7          | . 2         | •0          |   | <u>• 0</u>  |                      |             |             | <u> </u>    |  | 1.3   | 4.7                   |
| Ļ  | WNW                     | . 9         |             | . 3         | 0           | .0  |             |                      |             |             | <u> </u>    | <u> </u>                                     | 1.8   | 4,9                   |
| L  | NW                      | .9          | _ 2.1       | 2.1         | 1.2         |   | 1           | .0                   |             | 0           |             |  | 6.7   | 8.3                   |
| _  | NNW                     | . 7         | 2.8         | 6.0         | 6.9         | 1.9   | . 8         | 1                    | 0           |             | <u> </u>    |  | 19.3  | 11.4                  |
| L  | VARBL                   | . 3         |             |             |             | <u>,                                     </u> |             |                      |             | ļ,          | L           |  | 4     | 2.6                   |
| _  | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$                                   | $\geq \leq$ | $\geq \leq$          | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$                                  | 3.1   |                       |
|    |                         | 6,9         | 19.5        | 31.7        | 28.6        | 6.8   | 2.6         | . 5                  | . 1         | .0          |             |  | 100.0 | 9.7                   |

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 311 | TOK                     | YG IAP | JAPAN/ | HUNSHU |         |                   | 47      | -54,56  | <u>-60,67</u> | -72     |         |       | <u> </u> | VOV                   |
|-----|-------------------------|--------|--------|--------|---------|-------------------|---------|---------|---------------|---------|---------|-------|----------|-----------------------|
|     |                         |        |        |        |         | ALL W             | EATHER  |         |               |         |         |       |          | <u> </u>              |
|     |                         |        |        |        |         | СОН               | DITION  |         |               |         |         |       |          |                       |
|     | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21           | 22 - 27 | 28 - 33 | 34 - 40       | 41 - 47 | 48 - 55 | ≥56   | *        | MEAN<br>WIND<br>SPEED |
| ſ   | N                       | .9     | 3.3    | 7.1    | 7.2     | 2.2               | .9      | • a     |               |         |         |       | 21.6     | 11.0                  |
|     | NNE                     | .5     | 2.3    | 4.3    | 4.2     |                   | • 1     |         |               |         |         |       | 12.2     | 10.0                  |
|     | NE                      | . 5    | 1.7    | 2.3    | 1.6     | . 2               | • 1     |         |               |         |         |       | 6.4      | 8.8                   |
| ſ   | ENE                     | . 6    | 1.4    | 1.3    |         |                   |         |         |               |         |         |       | 4.0      | 7.4                   |
| ĺ   | E                       | . 5    | 1.6    | 1.0    |         | •0                | • 0     |         | •             |         |         |       | 3,3      | 6.1                   |
|     | ESE                     | . 4    | 1.1    | . 8    |         |                   |         |         |               |         |         |       | 2,3      | 5.9                   |
|     | SE                      | . 3    | . 8    | . 5    | . 1     | .0                |         |         |               |         |         |       | 1.6      | 5,9<br>5,9            |
| [   | SSE                     | . 2    | . 5    | ,3     | . 1     |                   |         |         |               |         |         |       | 1.2      | 6.1                   |
| - [ | 5                       | . 2    | . 5    | . 6    | 3       |                   | • 0     | • d     |               |         |         |       | 1.8      | 9.0                   |
| - [ | ssw                     | . 2    | . 2    | . 4    | 8       | , 5               | . 2     | .0      |               |         |         |       | 2.2      | 13.3                  |
|     | sw                      | . 2    | . 3    | 3      | . 4     | , 3               | . 1     |         |               |         |         |       | 1.5      | 11.3                  |
| - [ | WSW                     | , Э    | . 5    | . 3    |         | .0                |         |         |               |         |         |       | 1.3      | 6.4                   |
| - [ | w                       | 1,0    | 1.1    | 3      | .1      |                   |         |         |               |         |         |       | 2.4      | 4.4                   |
| [   | WNW                     | 9      | 1,9    | . 4    | 1       | .0                | o d     |         |               |         |         |       | 3.4      | 5,0                   |
| [   | NW                      | 1,2    | 3.1    | 2,5    | . 9     |                   | . 2     | • 0     |               |         |         |       | 8.0      | 7.3                   |
|     | NNW                     | 1.0    | 4,1    | 7.8    |         |                   |         | . 2     | •0            | • 0     |         |       | 22.8     | 11.0                  |
| Ī   | VARSL                   | _ 6    | . 2    |        |         |                   |         |         |               |         |         |       | 8        | 2.7                   |
|     | CALM                    |        | > < 1  | > <    | > <     | $\supset \subset$ | > <     | ><      | > <           | > <     | ><      | > < 1 | 3.2      |                       |

TOTAL NUMBER OF OBSERVATIONS 13217

100.0

9.1

USAFETAC  $\frac{\text{form}}{\text{JUI-64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY O'SSERVATIONS)

| 43311<br>STATION | TUKY           | O IAP | JAPAN/                                  |          |         |             | 46      | -54,56      |         | -72     |         |     |       | DEC               |
|------------------|----------------|-------|---|----------|---------|-------------|---------|-------------|---------|---------|---------|-----|-------|-------------------|
| 3141             |                |       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | MANL     |         | ALL W       | EATHER  |             | •       | LAND    |         |     |       | ALL_              |
|                  |                | _     |   |          |         |             | ui.     |             |         |         |         |     | HOURS | (L S T.)          |
|                  |                | -     |   |          |         | сон         | MOITION |             |         |         |         |     |       |                   |
|                  | SPEED          |       | <del></del> 7                           |          | ,       | <del></del> |         | <del></del> |         |         |         |     |       | MEAN              |
|                  | (KNTS)<br>DIR. | 1 - 3 | 4-6                                     | 7 - 10   | 11 - 16 | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | WIND<br>SPEED     |
|                  | N              | 1,:   | 1 3.4                                   | 5.6      | 5.5     | 1.8         | .5      | • 1         | •0      |         |         |     | 18.0  | 10,5              |
|                  | NNE            | . (   | ··                                      | 2.9      |         |             | •1      | •0          |         |         |         |     | 8.C   | 9,2               |
|                  | NE             | ,     |   | 1.7      | , 6     | .0          |         |             |         |         |         |     | 4.9   | 7.2               |
|                  | ENE            |       | 4 1.3                                   | .7       | . 1     | .0          |         |             |         |         |         |     | 2.6   | 6.0               |
|                  | Ε              |       | 7 1.5                                   | .6       | - 1     |             |         |             |         |         |         |     | 3.0   | 5,2               |
|                  | ESE            |       | 4 1.3                                   |          |         |             |         |             |         |         |         |     | 2,1   | 5,2<br>5,3<br>5,4 |
|                  | SE             |       | 3 . 8                                   | . 5      | .0      |             |         |             |         |         |         |     | 1.6   | 5,4               |
|                  | SSE            |       | 9 .9                                    | . 4      |         |             |         |             |         |         |         |     | 1.7   | 5.4               |
|                  | 5              | , ;   | 3 .7                                    | .6       |         |             |         | •0          |         | 0       |         |     | 2.0   | 8.0               |
|                  | SSW            |       | 3 .3                                    | <u> </u> |         |             | ·       | .0          | 0       | .0      |         |     | 2.5   | 12.0              |
|                  | sw             |       |   | . 8      |         |             |         | 0           | .0      |         |         |     | 3,7   | 11.4              |
|                  | wsw            |       |   | .7       |         |             |         | 0           |         |         |         |     | 3.1   | 7.0<br>4.5<br>4.9 |
|                  | w              | 1.    |   |          |         | .0          |         | L           |         |         |         |     | 3,9   | 4.5               |
|                  | WNW            | 1.6   |   |          |         | .0          |         | L           |         |         |         |     | 5.1   | 4.9               |
|                  | NW             | 1,0   |   |          |         | ,3          |         | 9           |         |         |         |     | 10.7  | 7,0               |
|                  | NNW            | 1.    |   | 7.5      | 5.8     | 2.0         | 1.0     | - 1         |         |         |         |     | 22.4  | 10.4              |
|                  | L VARBL        |       | 5 . 1                                   |          |         | !!          | 1 1     | 1 1         |         | 1       |         |     | . 6   | 2.5               |

TOTAL NUMBER OF OBSERVATIONS

100.0

8,2

14358

USAFETAC FORM  $_{
m JUL~64}$  0-8-5 (OL-A) previous editions of this form are obsolete

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

#3311 TUKYO 1AP JAPAN/HUNSHU 47=60,68=72

| STATION | STATION HAME | STATION HAME | STATION HAME | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATION | STATIO

| SPEED<br>(KNTS)<br>PIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33  | 34 - 40 | 41 - 47     | 48 - 55 | ≥56        | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|----------|---------|----------|---------|-------------|---------|------------|-------|-----------------------|
| N                       | .8    | 3.0   | 7.9    | 6.3     | 1.4      | • 5     | .2       |         |             |         |            | 20.2  | 10.                   |
| NNE                     | . 1   | . 9   | 3.5    | 3.1     | .4       |         |          |         |             |         |            | 7.9   |                       |
| NE                      | . 1   | . 2   | . 8    | . 1     | . 1      |         |          |         |             |         |            | 1.2   | 9.                    |
| ENE                     | . 1   | .1    | .1     | . 1     |          |         |          |         |             |         |            | . 3   | 7,                    |
| E                       | 1     |       |        | 1       |          |         |          |         |             |         |            |       | 7,                    |
| ESE                     | 1     |       | . 1    | 1       |          |         |          |         |             |         |            | . 2   | 6.                    |
| SE                      | . 1   | - 1   | . 1    |         |          |         |          |         |             |         |            | 2     |                       |
| SSE                     |       |       | 1      |         |          |         |          |         |             |         |            | . 1   | 8.                    |
| 5                       | , 2   | . 2   | . 1    |         |          | • 1     | . 1      | .1      |             |         |            | . 8   | 14.                   |
| ssw                     | . 1   | . 2   |        | . 2     | . 3      | • 2     |          |         |             |         |            | 1.5   | 12.                   |
| sw                      |       |       | , 5    | 6       | . 7      | • 2     |          |         |             |         |            | 3.1   | _11.                  |
| wsw                     | . 6   | 1.2   | . 9    |         |          | • 1     |          |         |             |         |            | 3.0   |                       |
| w                       | 2,2   | 3.0   | . 9    | 1       | . 1      |         |          |         | i           |         |            | 6.3   | 4.                    |
| WNW                     | 1.3   | 3.6   | 1.4    | . 2     |          |         |          |         | <u> </u>    |         |            | 6.5   | 5.0                   |
| NW                      | 1.9   | 6.5   | 4.8    |         | . 5      |         | لمعت عب  | Ĺ       | <u> </u>    |         |            | 16.6  | 7.                    |
| NNW                     | 1.1   | 6.3   | 10.1   | 7.2     | 3.2      | . 9     |          |         |             |         |            | 28.8  | 10.4                  |
| VARBL                   | , 3   |       |        |         |          |         |          |         |             |         |            | . 3   | 2.0                   |
| CALM                    | ><    | ><    | ><     | ><      | $>\!\!<$ | ><      | $> \leq$ |         | $\geq \leq$ |         | $\nearrow$ | 2.8   |                       |
|                         | 9:3   | 26.0  | 31.7   | 20.8    | 6.7      | 2.2     | . 4      | . 1     |             |         |            | 100.0 | a . c                 |

TOTAL NUMBER OF OBSERVATIONS 1702

USAFETAC JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311 | TOK                     | YU IAP . | JAPAN/ |             |         |               | 47      | <b>-60,68</b> |         | YEARS  |  |      |      | JAN                   |
|-------|-------------------------|----------|--------|-------------|---------|---------------|---------|---------------|---------|--|--|------|------|-----------------------|
| •     |                         |          |        |             |         |               | EATHER  |               |         |  |  |      | 030  | 0=0500                |
|       |                         | _        |        | <del></del> |         | сон           | DITION  |               |         |  | <del></del>                                      |      |      |                       |
|       | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6  | 7 - 10      | 11 - 16 | 17 - 21       | 22 - 27 | 28 - 33       | 34 - 40 | 41 - 47  | 48 - 55  | ≥56  | *    | MEAN<br>WIND<br>SPEED |
|       | N                       | 1.0      | 2,9    | 6.9         | 6.4     | 2.0           | . 8     | . 1           |         | <del>                                     </del> | <del>                                     </del> |      | 20.0 | 11.0                  |
|       | NNE                     | .4       | .8     | 2.8         | 2.2     | • 1           |         |               |         | <del></del>                                      |  |      | 6.2  | 9.5                   |
|       | NE                      | .2       | . 8    | .6          |         | - 1           | • 1     |               |         |  |  |      | 2.2  | 8,2                   |
|       | ENE                     | . 1      | . 2    | . 1         |         | .1            |         |               |         |  |  |      | . 4  |                       |
|       | E                       | . 1      | . 2    |             |         |               |         |               |         |  |  |      | . 2  | 3,5                   |
|       | ESE                     |          |        |             |         |               |         |               |         |  |  |      |      |                       |
|       | SE                      | . 1      | .1     |             |         |               |         | 1             |         |  |  |      | . 2  | 11.0                  |
|       | SSE                     |          | 1      |             | 1       |               |         |               |         |  |  |      | . 2  | 8.7                   |
|       | S                       | .4       | . 2    | 1           |         |               | •1      | 1             |         |  |  |      | . 8  | 9.0                   |
|       | SSW                     | , 2      | 3      | 4           | 2       | 5             |         |               |         |  |  | L.—l | 1.9  |                       |
|       | sw                      | 5        | 1.1    | 1.0         | . 5     | .2            | 1       |               |         | <u> </u>   |  |      | 3.7  | 8,6                   |
|       | wsw                     | .7       | 1.5    | . 9         | . 2     | 2             |         |               |         | <u> </u>   |  |      | 3.5  |                       |
|       | w                       | 2,0      | 3.3    | 6           | 1       |               | - 1     |               |         | <u> </u>   |  |      | 6.1  | 4.6                   |
|       | WNW                     | 1.9      | 3.6    | 1.2         | 2       |               |         |               |         |  | <u> </u>   |      | 6.9  | 5.2                   |
|       | P:W                     | 1.9      | 5.7    | 4.2         | 2.3     | 4             |         |               |         | <u> </u>   | ļ  |      | 15.8 |                       |
|       | NNW                     | 1,3      | 5.4    | 9,4         | 7.4     | 2,5           | 1.3     | . 3           |         | ļ  |  |      | 27.3 |                       |
|       | VARBL                   | 2        |        | <del></del> |         | ~ <del></del> |         |               |         | <del></del>                                      |  |      | 4    | 3.0                   |

TOTAL NUMBER OF OBSERVATIONS 1711

USAFETAC  $_{\mathrm{NJL}}^{\mathrm{FORM}}$  0-2-5 (OL-A) previous editions of this form are obsolete

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED CONDITION  SPEED (KINTS) 1-3 4-6 7-10 11-16 17-21 22-7; 28-33 34-40 41-47 48-55 ≥56 % WIT (KINTS) DIR.  N  | TUKY        | U IAP .     | JAPAN/I     | -UNSHU        |               |              | 47                                    | -60,68      |             | TEARS       |               |             |             | JAN           |
|--|-------------|-------------|-------------|---------------|---------------|--------------|---------------------------------------|-------------|-------------|-------------|---------------|-------------|-------------|---------------|
| SPEED   1 - 3  |             |             | 3141104     |               |               | ALL W        | EATHER                                |             |             |             |               |             |             |               |
| SPEED   1 - 3  |             | _           |             |               |               | C1           | ASS.                                  |             |             |             | - <del></del> |             | HOURS       | (L & T.)      |
| (KNTS)   |             |             |             |               |               | сон          | DITION                                |             |             |             |               |             |             |               |
| (KNTS)   |             |             | 1           |               |               |              | · · · · · · · · · · · · · · · · · · · |             |             |             |               | <del></del> | <del></del> |               |
| NNE  | (KNTS)      | 1 - 3       | 4-6         | 7 - 10        | 11 - 16       | 17 - 21      | 22 - 27                               | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55       | ≥56         | %           | WIND<br>SPEED |
| NNE  | N           | . 8         | 2.6         | 5.4           | 6.0           | 1.3          | .9                                    | . 1         |             |             |               |             | 17.2        | 11.1          |
| NE   | NNE         |             | 1.0         | 3.4           |               | . 5          | • 1                                   |             |             |             |               |             | 7.9         | 10.4          |
| ENE  | NE          |             |             | . 9           |               |              |                                       |             |             |             |               |             | 2.2         | 7.6           |
| E  | ENE         | , 2         | . 1         | . 1           |               |              |                                       |             |             |             |               |             | . 4         | 4.7           |
| SE   |             | 1           |             | 1             |               |              |                                       |             |             |             |               |             | 2           | 4.0           |
| SSE  |             | 1           |             |               | !             |              |                                       |             |             | <u> </u>    | 1             |             |             | 3.0           |
| SSE  |             |             | 1           |               |               |              |                                       |             |             | <u> </u>    |               |             | 2           | 4.3           |
| SSW  |             |             |             |               |               |              |                                       |             |             |             |               |             | المـــــا   | 3.5           |
| SW 8 6 5 6 5 1 3.1  WSW 1.2 1.9 8 4 1 4.4  W 1.8 2.9 .7 .2 1 5.6  WNW 2.3 3.3 1.1 .2 6.9  NW 1.9 6.0 4.0 2.0 .5 .5 .1 15.0  NNW 2.4 6.3 8.9 8.4 2.3 1.3 .3 29.9 1  VARBL 2 | _S          | 2           |             | 1             | 1             |              |                                       |             |             |             |               |             |             | 7.7           |
| WSW 1.2 1.9 .8 .4 .1   | SSW         | الم الم     | 2           | 2             |               |              |                                       |             |             |             |               |             |             | 15.8          |
| W 1.6 2.9 .7 .2 .1 .5.6 .9   |             |             |             |               |               | 2            | 1                                     |             |             | <u> </u>    |               |             |             | 9.7           |
| WNW 2.3 3.3 1.1 .2   |             |             |             |               |               |              |                                       |             |             |             |               |             |             | 6.1           |
| NNW 2.4 6.3 8.9 8.4 2.3 1.3 .3 29.9 1  |             |             |             | 7             | 2             |              |                                       |             |             |             |               |             |             | 4.9           |
| NNW 2.4 6.3 8.9 8.4 2.3 1.3 .3 29.9 1  |             |             |             |               | 2             |              |                                       |             |             | ļ           | <u> </u>      |             |             | 7.7           |
| VARBL 2  | <del></del> |             |             |               |               | <del>3</del> |                                       |             |             | ļ ———       | ļ             |             |             |               |
|  |             | <u> </u>    | 6.3         |               | <u> </u>      | 6.3          |                                       |             |             | <u> </u>    | <u> </u>      |             | 29.9        | 10.3          |
| $CALM \parallel \times \parallel \times \parallel \times \parallel \times \parallel \times \parallel \times \parallel \times \parallel \times \parallel \times \parallel $ |             |             | <del></del> | <del>  </del> | $\overline{}$ | <del></del>  |                                       | <del></del> | <del></del> | <del></del> |               |             | <u>. Z</u>  | 2.0           |
|  | CALM        | $\geq \leq$ | $\geq \leq$ | $\geq \leq$   | $\geq \leq$   | $\geq \leq$  | $\geq$                                | $\geq \leq$ | $\geq \leq$ |             | >>            | > <         | 4.5         |               |

TOTAL NUMBER OF OBSERVATIONS 1704

USAFETAC FORM 0-8-5 /OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | _ TOK'         | YO IA | P   | JAPAN/I |        |             |         | 47      | -60,68  |         |         |         |     |             | JAN           |
|---------|----------------|-------|-----|---------|--------|-------------|---------|---------|---------|---------|---------|---------|-----|-------------|---------------|
| BOITATE |                |       |     | STATION | NAME   |             |         |         |         | ,       | TEABS   |         |     |             | ONTK          |
|         |                |       |     |         |        |             | ALL h   | EATHER  |         |         |         |         |     | 090         | C-1100        |
|         |                |       |     |         |        |             | ¢       | LASS    |         |         |         |         |     | HOURS       | (LST)         |
|         |                |       |     |         |        |             |         |         |         |         |         |         |     |             |               |
|         |                |       |     |         |        |             | CON     | DITION  |         |         |         |         |     |             |               |
|         |                |       |     |         |        | <del></del> |         |         |         |         |         |         |     |             |               |
|         |                |       |     |         |        |             |         |         |         |         |         |         |     |             |               |
| r       |                | 3     | _   |         |        |             |         |         |         |         |         |         |     | <del></del> |               |
| 4       | SPEED          |       | ı   |         |        |             |         |         |         |         |         |         |     |             | MEAN          |
|         | (KNTS)<br>DIR. | 1 · 3 |     | 4-6     | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *           | WIND<br>SPEED |
|         | N              | 1 2   | . 2 | 3.6     | 6.9    | 5.6         | 2.9     | .9      | .4      | • 1     |         |         |     | 23.5        | 11.0          |
|         | NNE            |       | .1  | 1.9     | 4.5    | 2.7         | .6      | • 1     |         |         |         |         |     | 10.7        | 8.9           |
| ſ       | NE             | 1     | - 9 | 1.9     | 1.9    | 1.0         |         |         |         |         |         |         |     | 5.8         | 7.3           |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6      | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40     | 41 - 47 | 48 - 55 | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|-------------|---------|---------|----------|---------|-------------|---------|---------|----------|-------|-----------------------|
| N I                     | 2,2      | 3.6      | 6.9         | 5.6     | 2.9     | .9       | .4      | •1          |         |         |          | 23.5  |                       |
| NNE                     | 1.1      | 1.9      | 4.5         | 2.7     | .6      | •1       |         |             |         |         |          | 10.7  | 8,9                   |
| NE                      | . 9      | 1.9      | 1.9         | 1.0     |         |          |         |             |         |         |          | 5.8   |                       |
| ENE                     | .6       | 1.3      | .6          | . 2     |         |          |         |             | [       |         |          | 2.7   | 5.6                   |
| E                       | . 8      | 1.0      | . 2         |         |         |          |         |             |         |         |          | 2.0   | 4.4                   |
| ESE                     | , 2      | . 6      |             |         |         |          |         |             |         |         |          | . 9   |                       |
| SE                      | . 6      | .6       | . 2         |         |         |          |         |             |         | 1       |          | 1.4   | 4.4                   |
| SSE                     | . 5      | . 3      | . 4         | . 1     |         |          |         |             |         |         |          | 1.2   |                       |
| 5                       | . 2      | . 2      | 2           | 3       | . 2     | • 1      |         |             |         |         |          | 1.2   |                       |
| ssw                     | , 3      | . 1      | . 4         |         |         | , 4      | • 1     |             |         |         |          | 2,3   | 14.8                  |
| sw                      | 2        | .7       | . 5         | , 5     | .4      | . 5      | . 2     |             |         |         | <u> </u> | 2.9   | 13.6                  |
| wsw                     | . 6      | .7       | . 5         | . 2     | . 2     |          |         |             |         |         |          | 2,2   | 7,6                   |
| w                       | . 7      | 1.2      | 5           | 2       | . 1     | - 1      |         |             |         |         |          | 2.8   | 6.4                   |
| WNW                     | . 9      | 1.2      | . 1         | . 4     |         | • 2      |         |             |         |         |          | 2.7   | 6.7                   |
| NW                      | 1,2      | 2.7      | 2.1         | 1.3     | . 8     |          | . 1     | 1           |         |         |          | 8.9   | 10.0                  |
| NNW                     | 1.0      | 3.8      | 6,3         | 7.7     | 3,2     | 1.6      | • 2     |             |         | Ĭ       |          | 23.8  | 12.0                  |
| VARBL                   | , 5      | • 1      |             |         |         |          |         |             |         |         |          | . 6   |                       |
| CALM                    | $\geq <$ | $\geq <$ | $\geq \leq$ | ><      | ><      | $\geq <$ | $\geq$  | $\geq \leq$ |         |         |          | 4.3   |                       |
|                         | 12,4     | 21.9     | 25.3        | 21.6    | 8.8     | 4,4      | 1.1     | .2          |         |         |          | 100.0 | 9.                    |

TOTAL NUMBER OF OBSERVATIONS 1695

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKY: IAP JAPAN/FONSHU | 47-60,68-72 | HAL                     |            |
|---------|------------------------|-------------|-------------------------|------------|
| STATION | STATION NAME           | YE          | ABS MONTH               |            |
|         |                        | ALL WEATHER | 1200=1<br>Novas (L s T; | <u>400</u> |
|         |                        | COMBITION   | <del></del>             |            |
|         |                        | <del></del> | <del></del>             |            |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|------|--------|---------|---------|---------|---------|---------|---------|----------|-----|-------|-----------------------|
| N                       | . 4   | 2.0  | 4.3    | 5.6     | 2.2     | 1.4     | . 4     |         |         |          |     | 16.3  | 12                    |
| NNE                     | .7    | 3.3  | 5.0    | 2.8     | .4      | • 1     |         |         |         |          |     | 12.3  | 8                     |
| NE                      | . 8   | 4.0  | 3.5    | . 8     |         |         |         |         |         |          |     | 9.2   | 6                     |
| ENE                     | . 4   | 4.2  |        | . 2     |         |         |         |         |         |          |     | 6.9   | 6                     |
| E                       | 1.2   | 6.1  | 2,8    |         |         |         |         |         |         |          |     | 10.1  | 5                     |
| ESE                     | . 4   | 3.6  | 1.2    | . 1     |         |         |         |         |         |          |     | 5 . 4 |                       |
| SE                      | Ġ     | 2.0  | . 9    | • 1     |         |         |         |         |         |          |     | 3.5   | 5                     |
| SSE                     | . 3   | 1.7  | 1.4    | 5.      |         |         |         |         |         |          |     | 3.6   | 6                     |
| S                       | . 4   | .6   | 1.7    | .4      |         |         |         |         |         |          |     | 3.4   | 8                     |
| SSW                     | . 1   | .1   | , 3    | 1.2     | . 5     | .6      | • 1     |         |         |          |     | 2,9   | 16                    |
| sw                      |       | . 3  |        | , 6     | 1.0     | 1.0     | . 3     |         |         |          |     | 3.6   | 18                    |
| WSW                     | . 2   |      |        | . 2     | 1       |         |         |         |         | <u> </u> |     | 1.1   | 8                     |
| w                       | . 7   |      | 3      | . 1     | 1       |         |         |         |         | <u> </u> |     | . 9   | 8                     |
| WNW                     |       | .2   | . 1    | . 2     | , 2     |         |         |         |         |          |     | .6    |                       |
| NW                      |       | . 5  | 5      | . 9     | 1.0     | . 8     | 1       |         |         |          |     | 3,7   | 13                    |
| NNW                     | , 2   | . 8  | 2.9    | 4.2     | 3,5     | 1.9     | . 3     | 1       |         |          |     | 13.9  | 15                    |
| VARBL                   | . 4   | . 3  |        |         |         |         |         |         |         | <u> </u> |     | .6    | 3                     |
| CALM                    | ><    | ><   | ><     |         | ><      | ><      | ><      |         |         |          |     | 1.9   |                       |
|                         | 6,3   | 30.1 | 27.8   | 17.7    | 9,3     | 5.8     | 1.2     | . 1     |         | Ţ:       | Ī   | 100.0 | y                     |

TOTAL NUMBER OF OBSERVATIONS 1704

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| BTATION | 106                     | THP TAP  | JAPAN/      | PUNSHU      |             |             | 47          | -00,00      |                                       | EARS        |  |     | ·     | JAN<br>ORTH                                    |
|---------|-------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------------|-------------|--|-----|-------|--|
|         |                         | _        |             |             |             | ALL W       | EATHER      |             | <del></del>                           |             | <del></del>                                  |     |       | 0=1700   |
|         |                         |          |             |             |             |             | A10         |             |                                       |             |  |     | MOUNT | (L 3 1.)                                       |
|         |                         |          |             |             |             | CON         | DITION      |             | · · · · · · · · · · · · · · · · · · · |             |  |     |       |  |
| ı       |                         |          |             |             |             |             |             |             |                                       |             | <del></del>                                  |     |       |  |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40                               | 41 - 47     | 48 - 55                                      | ≥56 | *     | MEAN<br>WIND<br>SPEED                          |
|         | N                       | .4       | 1.7         | 4.6         |             | 2.8         | 1.0         | . 2         | • 2                                   |             |  |     | 15.8  | 13.0   |
|         | NNE                     | .7       | 1.7         | 4.5         | 2.0         | •2          |             |             |                                       |             | 1  |     | 9.2   | 8.6  |
|         | NE                      | 1.1      | 3 . 3       | 2.9         | 1.1         |             |             |             |                                       |             |  |     | 8.9   | 6.8  |
|         | ENE                     | . 8      | 3.1         | 1.8         |             | . 1         |             |             |                                       |             |  |     | 6.1   | 6.1  |
|         | E                       | 1,5      | 3.9         |             |             |             |             |             |                                       |             | 1  |     | 7.1   | 5,2  |
|         | ESE                     | . 9      | 3.5         | 1.7         | 1           |             |             |             |                                       |             |  |     | 6.1   | 5.7  |
|         | SE                      | 1.0      | 3.1         | 1.1         | , 2         |             |             |             |                                       |             |  |     | 5.4   | 5.3  |
|         | SSE                     | 1.3      | 1.5         |             | . 1         | 1           |             |             |                                       |             |  |     | 4,4   | 5,6<br>7,5                                     |
| i       | \$                      | . 5      | 1.4         | 1.5         | . 8         | 1           |             |             |                                       |             |  |     | 4,3   | 7,5  |
|         | ssw                     | . 1      | . 4         |             |             |             | . 4         |             |                                       |             |  |     | 3.7   | 13.2   |
|         | sw                      | . 1      | . 5         | . 6         |             | . 9         | . 4         | . 2         |                                       |             |  |     | 4.2   | 14.5   |
|         | WSW                     | . 1      | . 3         | , 5         |             | . 1         |             | . 1         |                                       |             |  |     | 1.7   | 10.5   |
|         | w                       | , 2      |             |             | . 3         |             |             |             |                                       |             |  |     | 1.0   | 7,7  |
|         | WNW                     | <u> </u> | . 2         | . 2         |             | .1          |             |             |                                       |             | <u> </u>                                     |     | , 6   | 10.2   |
|         | NW                      | .2       | . 2         |             | 1.1         | . 7         | . 5         | • 1         |                                       |             | <u> </u>                                     |     | 3,7   | 14,7   |
|         | NNW                     | , 2      | . 9         | 2.7         | 5,3         | 2.8         | 2,7         | . 4         | <del></del>                           |             | <u>                                     </u> |     | 14.9  | 15,4   |
|         | VARBL                   | . 4      |             |             |             | J           |             |             |                                       |             | <u> </u>                                     |     | . 3   | 2,7  |
|         | CALM                    |          | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$                           | $\geq \leq$ | $\geq \leq$                                  | ><  | 2.5   | 2 T. A. T. T. T. T. T. T. T. T. T. T. T. T. T. |
|         |                         | 9.6      | 26.6        | 26.5        | 20.1        | 9,6         | 5.0         | 1.0         | , 2                                   |             |  |     | 100.0 | 9.6  |

TOTAL NUMBER OF OBSERVATIONS 1694

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 3311<br>STATION | TUK                     | YU TAP      | JAPAN/      | HUNSHU      |             |             | 47      | -60,68      | <del>-72</del> | EARS        |         |     |         | JAN                   |
|-----------------|-------------------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|----------------|-------------|---------|-----|---------|-----------------------|
|                 |                         |             |             |             |             | ALL W       | EATHER  |             |                |             |         |     | 1 a 0 0 | 0=2000                |
|                 |                         |             |             |             |             | CL          | A35     |             |                |             |         |     | HOURS   | (L S T.)              |
|                 |                         |             |             |             |             | CONE        | DITION  |             |                |             |         |     |         |                       |
|                 |                         |             |             |             |             |             |         |             |                |             |         |     |         |                       |
|                 | ·                       |             |             |             |             |             |         |             |                |             |         |     |         |                       |
|                 | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40        | 4) - 47     | 48 - 55 | ≥56 | %       | MEAN<br>WIND<br>SPEED |
|                 | N                       | 1.1         | 2.7         | 4.2         | 6.7         | 3.2         | 1.1     | .3          | • 1            |             |         |     | 19.4    | 12.3                  |
|                 | NNE                     | .5          | 1.8         | 2.4         | 1.7         | . 1         |         |             |                |             |         |     | 6.5     | 8.                    |
|                 | NE                      | .9          | .9          | 2.5         |             | . 1         |         |             |                |             |         |     | 5,4     | 7.0                   |
| -               | ENE                     | . 6         | 1.2         | 1.4         | , 5         |             |         |             |                |             |         |     | 3,7     | 7,<br>6,<br>6,        |
|                 | Ε                       | 1,2         | 1.4         | 1.7         | , 5         |             |         |             |                |             |         |     | 4.8     | 6.                    |
|                 | ESE                     | . 5         | 1.2         | 1.2         | . 2         |             |         |             |                |             |         |     | 3,2     | 6.                    |
|                 | SE                      | . 5         | 1.5         | 1.4         | . 1         |             |         |             |                |             |         |     | 3.4     | 6.                    |
|                 | SSE                     | ٤           | . 8         | 5           | . 1         |             |         |             |                |             |         |     | 1.9     |                       |
|                 | 5                       | . 4         | 1.4         | . 8         | . 3         |             |         |             |                |             |         |     | 2.6     | 6.0                   |
|                 | SSW                     | 5           | .6          |             | 9           | . 4         | • 1     |             |                |             |         |     | 3.1     | 9,0                   |
|                 | SW                      | . 5         | . 9         | , 9         | 1.7         | . 8         | • 1     |             |                |             |         |     | 4.8     | 10.                   |
|                 | WSW                     | , L         | .7          | 1.1         | .7          | , 1         |         |             |                |             |         |     | 2.6     | 8.4                   |
|                 | w                       | . 8         | , 8         | 5           | . 2         |             |         |             |                |             |         |     | 2.2     | 5.0                   |
|                 | WNW                     | Ė,          |             | . 2         | 3           |             |         |             |                |             |         |     | 2.2     |                       |
|                 | NW                      | , 9         | 2.1         | 2.5         |             |             | , 5     | - 1         |                |             |         |     | 8.2     | 9,0                   |
|                 | NNW                     | 1,0         | 3.1         | 4.6         | 7,5         | 4.4         | 1.7     |             |                |             |         |     | 22.3    | 12.                   |
|                 | VARBL                   | 2           |             |             |             |             |         |             |                |             |         |     | . 2     | 2.0                   |
|                 | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$    | $\geq \leq$ |         | ><  | 3.4     | -                     |
|                 |                         | 10.5        | 22.3        | 26.6        | 23.7        | 9.6         | 3.4     | . 4         | . 1            |             |         |     | 100.0   |                       |

TOTAL NUMBER OF OBSERVATIONS 1691

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOK                    | YN IAP | JAPAN/  |        |         |         | 47      | 60,68   |         | YEARS  |             |           |       | JAN_                  |
|---------|------------------------|--------|---------|--------|---------|---------|---------|---------|---------|--|-------------|-----------|-------|-----------------------|
| STATION |                        |        | 5.41104 |        |         | ALL W   | EATHER  |         |         |  |             |           | 2100  | <u>}-2300</u>         |
|         |                        |        |         |        |         | СОН     | DITION  |         |         |  |             |           |       |                       |
|         | SPEED<br>(KNTS)<br>DIR | 1 - 3  | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55     | ≥53       | *     | MEAN<br>WIND<br>SPEED |
| l       | N                      | . 5    | 3.1     | 5.9    | 6.4     | 2.8     | . 8     | • 2     |         | <del>                                     </del> |             |           | 19.8  | 11.7                  |
|         | NNE                    | .2     | 1.2     | 2.7    | 1.9     | .3      |         |         |         |  |             |           | 6.2   | 9.7                   |
|         | NE                     | . 3    | .9      | 1.7    | . 6     | . 1     |         |         |         |  |             |           | 3.8   | 8,2<br>7,8            |
|         | ENE                    | . 2    | . 4     | . 5    | . 4     |         |         |         |         |  |             |           | 1.4   | 7.8                   |
| j       | E                      | . 2    | . 2     | . 2    | .1      |         |         |         |         |  |             |           | . 8   | 6.1                   |
|         | ESE                    | . 1    | . 9     | .7     | . 1     |         |         |         |         |  |             |           | 1.9   | 6.3<br>5.7<br>3.4     |
|         | SE                     | . 2.   | . 5     | . 4    |         |         |         |         |         |  |             |           | 1.1   | 5,7                   |
|         | SSE                    | , 3    | . 1     | .1     |         |         |         |         |         |  |             |           | 5     | 3.4                   |
|         | <u> </u>               | . 2    | . 3     | .1     | 1       | 1       |         | • 1     |         | <u> </u>   |             |           | - 3   | 10.1                  |
|         | ssw                    | . 1    | . 4     | . 2    | . 3     | . 1     | . 1     |         |         | ļ  | l           |           | 1.2   | 10.3                  |
|         | sw                     | ,4     | . 9     | 1.0    | . 8     | .6      |         |         |         | <u> </u>   |             |           | 3.7   | 9.8                   |
|         | WSW                    | ,6     | 1.6     | , 5    |         | 2       |         |         |         |  |             |           | 3.8   | 7.0                   |
|         | <u> </u>               | 1,1    | 2.9     | 4      |         |         |         |         |         |  |             |           | 4.4   | 4.6                   |
|         | WNW                    | 1.1    | 3.6     | 1.3    | 2       |         |         |         |         | ļ  |             |           | 6.2   | 5,6                   |
|         | NW                     | 1,5    | 5.2     | 4.7    | 2.5     | . 6     |         | 1       |         | <del> </del> .                                   |             |           | 14.7  | 8.1                   |
|         | NNW                    | 1,2    | 4.4     | 8.3    | 8.4     | 3,3     | . 8     |         |         | <del> </del>                                     |             |           | 26.3  | _11_1                 |
|         | VARBL<br>CALM          | •      |         |        |         |         |         |         | <u></u> |  |             |           | 2.9   | 2.1                   |
|         |                        | 8.5    | 20.7    | 29.0   | 22.6    | 8,0     | 1.8     | .5      |         |  |             |           | 100.0 | 9.1                   |
|         |                        |        |         |        |         |         |         |         |         | TOTAL NU   | ABER OF OBS | ERVATIONS |       | 1698                  |

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND

|                         |             |             |               |             | AND SP      |                                       |                 |          |             |     |       |                       |
|-------------------------|-------------|-------------|---------------|-------------|-------------|---------------------------------------|-----------------|----------|-------------|-----|-------|-----------------------|
|                         |             |             | (FROM         | HOURLY      | OBSERV      | ATIONS                                | )               |          |             |     |       |                       |
| TOKYC IAP               | JAPAN/H     | UHZNO       |               |             | 47          | 60,68                                 | <del>-</del> 72 |          |             |     |       | FEB                   |
|                         | STATION N   | LME         |               |             |             |                                       | Y               | EARS     |             |     |       | ONTH                  |
| _                       |             |             |               | ALL W       | EATHER      |                                       |                 |          |             |     | _000  | 0-020                 |
|                         |             |             |               | CL          | A\$\$       |                                       |                 |          |             |     | HOURS | (L.S.T.)              |
|                         |             |             | <del></del>   | сон         | DITION      | ·                                     |                 |          | <del></del> |     |       |                       |
| _                       |             |             |               |             | <del></del> |                                       |                 |          |             |     |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 4 - 6       | 7 - 10      | 11 - 14       | 17 - 21     | 22 - 27     | 28 - 33                               | 34 - 40         | 41 - 47  | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
| N .6                    | 2.9         | 7.6         | 8.7           | 3.7         | 1.1         | •1                                    | .1              |          |             |     | 25.0  | 12                    |
| NHE .3                  | 1.0         | 3.4         | 2.5           | .6          | .3          |                                       |                 |          |             |     | 8.1   | 10                    |
| NE 1                    | .9          | 1.5         | .6            | . 1         | • 1         |                                       |                 |          |             |     | 3.4   | 9                     |
| ENE .2                  | . 5         | .6          | . 1           | . 1         |             | · · · · · · · · · · · · · · · · · · · |                 |          |             |     | 1.4   | 7                     |
| E .2                    | .1          | .2          |               |             | •1          |                                       |                 |          |             |     | . 5   | 7                     |
| ESE                     | . 2         | . 1         |               |             |             |                                       |                 |          |             |     | . 3   | 6                     |
| SE                      | . 1         | . 3         |               |             |             |                                       |                 |          |             |     | . 3   | 8                     |
| SSF 1                   | • 1         | . 1         |               |             |             |                                       |                 |          |             |     | . 3   | 5                     |
| S                       | .4          | . 1         | . 2           | . 1         | • 3         |                                       |                 |          |             |     | 1.1   | 13                    |
| ssw . 1                 | .3          | . 3         | . 6           | . 3         | 1           |                                       |                 |          |             |     | 1.7   | 12                    |
| sw 3                    | . 2         | . 5         | . 5           |             |             |                                       |                 |          |             |     | 1.5   | 8                     |
| wsw 5                   | . 8         | .3          |               | 1           |             | 1                                     |                 |          |             |     | 1.7   | 6                     |
| w 1.4                   |             | . 3         |               |             |             |                                       |                 |          |             |     | 3.9   | 4                     |
| wnw   1.1               | 3.9         | 1.6         | 6             | 1           |             |                                       |                 |          |             |     | 7.C   | 5                     |
| NW 1.3                  | 4.9         | 5.2         | 1.7           | 1.0         | 1           |                                       |                 |          | <u> </u>    |     | 14.2  | 8                     |
| 9 мин                   | 4.1         | 10.4        | 6.7           | 3.0         | 1.2         | , 3                                   | 1               |          |             |     | 26.8  | _11                   |
| VARBL                   |             |             |               |             |             |                                       |                 |          | <u> </u>    |     |       | 3                     |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq 1$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$                           | $\geq \leq$     | $\geq <$ |             | ><  | 2.8   |                       |
| 7.1                     | 22.5        | 32.2        | 22.4          | 9.1         | 3,2         | , 5                                   | . 3             |          |             |     | 100.0 | 9                     |

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKY        | IAP | JAPANA | HUNSHL        | )            |             | 4       | 7-60, | 68-72       |       |      |      | FEB         |
|---------|-------------|-----|--------|---------------|--------------|-------------|---------|-------|-------------|-------|------|------|-------------|
| STATION |             |     |        | N HAME        |              |             |         | ,     |             | YEARS |      |      | HONTH       |
|         |             | _   |        |               |              |             | HEATHE  | R     |             |       |      | 030  | 0-0500      |
|         |             |     |        |               |              | •           | LASS    |       |             |       |      | HOU  | \$ (L.S.T ) |
|         |             | _   |        |               |              | ÇOI         | HDITION | -     | <del></del> |       |      |      |             |
|         |             | -   |        | <del></del> - |              | <del></del> | ·       |       |             |       |      |      |             |
| ~       | <del></del> | -   | ·      |               | <del>,</del> |             | ,- ··-  |       |             |       | <br> | <br> | ·           |
| }       | SPEED       |     |        | }             | 1            |             | )       | ]     |             |       |      | ļ    | MEAN        |

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16  | 17 - 21     | 22 • 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------------|--------|----------|-------------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                      | . 5   | 3.0         | 7.1    | 9.9      | 3.8         | 1.3     | . 4     | •1      |         |         |     | 26.0  | 12.4                  |
| NNE                    | . 3   | .7          |        |          | . 6         |         |         |         |         |         | 1   | 7.8   |                       |
| NE                     |       | .4          | 1.3    | 8        | , 3         | 1       |         |         |         |         |     | 2.5   |                       |
| ENE                    |       | . 1         | . 2    | <u> </u> |             |         |         |         |         |         |     | . 6   | 10.1                  |
| E                      | 1     |             |        | . 1      |             |         |         |         |         |         |     | . 1   | 8.0                   |
| ESE                    |       |             |        |          |             |         |         |         |         |         |     |       |                       |
| SE                     |       | .1          |        |          |             |         |         |         |         |         |     | 1     | 4.0                   |
| SSE                    | 1     | . 1         | . 1    |          | 1           |         |         |         |         |         |     | 4     | 6.5                   |
| S                      | , 3   | . 3         | ,2     | ,3       | , 3         | 1       |         |         |         |         |     | 1.3   | 10.4                  |
| ssw                    | 2     | 2           | . 6    | 3        | 2           | 1       |         |         |         |         |     | 1.5   |                       |
| sw                     | . 6   |             | ,4     | . 1      | , 2         |         |         |         |         |         |     | 1.7   | 7.0                   |
| wsw                    | 8     | . 8         | . 4    |          |             |         |         |         |         |         |     | 2.1   | 4,5                   |
| w                      | 1.7   | 2.0         | . 6    |          |             |         |         |         |         |         |     | 4.3   | 4.2                   |
| WNW                    | 1.2   | 2.7         | 8      | . 3      |             |         |         |         |         |         |     | 4.9   | 5,2                   |
| NW                     | 1.8   | 4.6         |        |          | 1           |         |         |         |         |         |     | 13.7  | 7.3                   |
| NNW                    | . 8   | 5.3         | 8.8    | 8,6      | 2.5         | 1.7     | • 1     | • 1     |         |         |     | 28.2  | 11.2                  |
| VARBL                  | - 1   |             |        |          |             |         |         |         |         |         |     | 1     | 1.5                   |
| CALM                   | ><    | $\geq \leq$ | ><     | ><       | $\geq \leq$ | ><      | ><      | ><      |         |         |     | 4.3   |                       |
|                        | 8.4   | 20.7        | 27.9   | 26.5     | 8.1         | 3.4     | .5      | . 2     |         |         |     | 100.0 | 9.6                   |

TOTAL NUMBER OF OBSERVATIONS 1552

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYG TAP JAPAN/HONSHU | 47-60,68-72 | FEB            |
|---------|------------------------|-------------|----------------|
| STATION | STATION NAME           | YEARS       | монти          |
|         |                        | ALL WEATHER | 0600-0800      |
|         |                        | CLASS       | HOURS (L S T.) |
|         |                        |             |                |
|         |                        | CONDITION   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27  | ∡8 <b>-</b> 33 | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|----------|---------|---------|----------|----------------|---------|-------------|---------|-----|-------|-----------------------|
| N                       | .7       | 2.4      |          | 7.8     | 3.3     | 1.8      | .3             | • 1     |             |         |     | 24.2  | 12.5                  |
| NNE                     | . 1      | 1.3      | 3.4      | 3.1     | .5      |          |                |         |             |         |     | 8.6   |                       |
| NE                      | . 1      | . 8      | 1.2      | . 8     | .1      |          |                |         |             |         | i   | 3.0   | 8.9                   |
| ENE                     | , 1      | .2       | . 2      | . 2     | .3      |          |                |         |             |         |     | 1.0   |                       |
| Ε                       | . 1      |          |          | • 1     |         |          |                |         |             |         |     | . 2   | 11,0                  |
| ESE                     | . 1      | . 1      |          |         |         |          |                |         |             |         |     | . 2   | 4.0                   |
| SE                      | . 1      | . 1      | . 1      |         |         |          |                |         |             |         |     | . 3   | 5.0                   |
| SSE                     | . 1      |          |          |         | . 2     |          |                |         |             |         |     | 3     | 14.                   |
| S                       |          | . 2      | . 3      | . 2     | . 3     |          |                |         |             |         |     | 9     | 12.0                  |
| ssw                     | , 1      | . 1      | . 1      | . 4     | .3      | • 1      |                |         |             |         |     | 1.2   | 12.0                  |
| sw                      | . 5      | .7       | . 5      | . 3     | . 2     | • 1      |                |         |             |         |     | 2.1   | 8.                    |
| wsw                     | . 9      | 1.1      | .1       | . 1     |         |          |                |         |             |         |     | 2.2   | 4.0                   |
| w                       | 2,5      | 2.0      |          | . 1     |         |          |                |         |             |         |     | 5.0   | 3,9                   |
| WNW                     | 1.9      | 2.9      | 1.4      | . 5     |         |          |                |         |             |         |     | 6.6   | 5.3                   |
| NW                      | 2,6      | 5.1      | 3.5      | 1.8     | .7      | . 1      |                |         |             |         |     | 13.7  | 7.5                   |
| NNW                     | 1.8      | 4.4      | 7,9      | 7.6     | 1,8     | 1.8      | • 1            | •1      |             |         |     | 25.5  | 10.9                  |
| VARBL                   | 1        |          |          |         |         |          |                |         |             |         |     | . 1   | 2.0                   |
| CALM                    | $\geq <$ | $\times$ | $\geq <$ | ><      | $\geq$  | $\times$ | > <            | > <     | $\geq \leq$ |         | ><  | 5.C   |                       |
|                         | 11.7     | 21.4     | 26.8     | 22.9    | 7,6     | 4.0      | . 5            | , 1     |             |         |     | 100.0 | 9,                    |

TOTAL NUMBER OF OBSERVATIONS 153

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1543

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311                                   | TUKY            | /U 1AP | JAPAN/H       | -ONSHU        |              |              | 47                          | -60,68  |                   | YEARS    |             |            |       | FEB            |
|---|-----------------|--------|---------------|---------------|--------------|--------------|-----------------------------|---------|-------------------|----------|-------------|------------|-------|----------------|
| *************************************** |                 |        |               |               |              | 21 E W       | E A <b>T</b> L   <b>C</b> 2 |         |                   |          |             |            |       | 0 <u>-1100</u> |
|   |                 |        |               |               |              | ALL W        | EATHER                      |         |                   |          |             |            |       | 0=1100         |
|   |                 |        |               |               |              |              |                             |         |                   |          |             |            |       |                |
|   |                 |        |               |               |              | CON          | DITION                      |         |                   |          |             |            |       |                |
|   |                 |        |               |               |              |              |                             |         |                   |          |             |            |       |                |
|   |                 | _      |               |               |              |              |                             |         |                   |          |             |            |       |                |
| :                                       |                 |        |               |               | <del></del>  |              |                             |         |                   |          |             |            |       |                |
|   | SPEED<br>(KNTS) | 1.3    | 4.6           | 7 - 10        | 11 - 16      | 17 - 21      | 22 - 27                     | 28 - 33 | 34 - 40           |          | 40 55       | ≥56        | %     | MEAN           |
|   | DIR.            | 1.3    | 4             | 7 - 10        | 11 . 10      | 17 - 21      | 22 - 27                     | 28 - 33 | 34 - 40           | 41 - 47  | 48 - 55     | <b>230</b> | 76    | WIND<br>SPEED  |
|   | N               | 1.1    | 3.5           | 8.2           | 7.3          | 3.3          | 1.6                         | • 1     |                   |          |             |            | 23.0  | 11.5           |
|   | NNE             | 1.7    | 2.7           | 5.3           | 3.7          |              | . 4                         |         |                   |          |             |            | 14.5  | 9.2            |
|   | NE              | 1.2    |               | 2.7           | 1.1          | .1           |                             |         |                   |          | <del></del> |            | 7.3   | 7,2            |
|   | ENE             | . 5    | 1.9           | .7            | .1           |              |                             |         |                   |          | <del></del> |            | 3.3   |                |
|   | E               | . 7    | 1.9           | • 5           | . 1          | . 1          |                             |         |                   |          |             |            | 3,2   | 5.5            |
|   | ESE             | . 1    | 1.0           | , 3           | . 1          |              |                             |         |                   |          |             |            | 1.6   | 5,7            |
| ļ                                       | SE              | . 3    | .3            | . 1           |              |              |                             |         |                   |          |             |            | . 7   | 4.5            |
|   | SSE             | . 1    | .3            | .5            |              | .1           | • 1                         |         |                   | .1       |             |            | 1.1   | 11.5           |
|   | S               | . 3    | . 3           | .5            | .6           | . 3          |                             | • 1     |                   |          |             |            | 1.9   |                |
| ĺ                                       | ssw             | . 1    | .3            | . 3           |              | . 5          | . 3                         |         |                   | <u> </u> |             | i          | 2.0   | 14.0           |
|   | sw              | . 3    |               | . 3           | . 4          | . 1          | . 3                         | • 1     |                   | i        | i           |            | 1.6   | 12.5           |
|   | wsw             | . 5    | ,4            | . 3           | 1            |              | • 1                         |         |                   | 1        |             |            | 1.2   | 6.1            |
| ĺ                                       | w               | . 6    | . 8           | . 3           | .1           |              |                             |         |                   |          |             |            | 1.7   | 5.3            |
|   | WNW             | . 5    | . 8           | . 1           | Ε.           | 1            | • 1                         |         |                   |          |             |            | 1.9   | 7,6            |
|   | NW              | . 8    | 1.7           | 2.1           | 1.9          | 1.0          |                             | , 2     |                   |          |             |            | 8.0   | 10.8           |
|   | NNW             | . 5    | 2.1           | 6.1           | 6.5          | 2.8          | 2,4                         | 3       | • 1               | • 1      |             |            | 20.9  | 13.2           |
|   | VARBL           | . 4    | . 2           |               |              |              |                             |         |                   |          |             |            | . 6   | 13,2           |
|   | CALM            |        | $\rightarrow$ | $\overline{}$ |              |              |                             |         | $\overline{}$     |          |             |            | 3.4   |                |
| i                                       |                 |        | <b>←→</b>     | $\leftarrow$  | $\leftarrow$ | $\leftarrow$ |                             |         | $\longrightarrow$ | $\vdash$ |             |            |       |                |
| į                                       |                 | 9.5    | 20.5          | 28.1          | 22.9         | 8,9          | 5.6                         | . 8     | 1                 | . 1      |             |            | 100.0 | 10.0           |

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 11 TOK         | YO IAP . |          |             |             |         | 47       | <u>-60,68</u> | <del>-</del> 72 |          |             |          | !     | EB              |
|----------------|----------|----------|-------------|-------------|---------|----------|---------------|-----------------|----------|-------------|----------|-------|-----------------|
|                |          | STATION  | NAM E       |             |         | <b>.</b> |               | •               | EARS     |             |          |       |                 |
|                |          |          |             |             | ALL W   | EATHER   |               |                 |          | <del></del> |          | 1200  | )=1400<br>(LET) |
|                |          |          |             |             |         |          |               |                 |          |             |          |       |                 |
|                |          |          |             |             | CON     | DITION   |               |                 |          |             |          |       |                 |
|                | -        |          |             |             |         |          |               |                 |          |             |          |       |                 |
| SPEED          | 1        |          |             |             |         |          |               |                 | <u> </u> |             |          |       | MEAN            |
| (KNTS)<br>DIR. | 1.3      | 4-6      | 7 - 10      | 11 - 16     | 17 - 21 | 22 - 27  | 28 - 33       | 34 - 40         | 41 - 47  | 48 - 55     | ≥56      | *     | WIND<br>SPEED   |
| N              | .3       | 1.7      | 4.8         |             | 2.3     | 1.2      | .3            |                 |          |             |          | 17.1  | 12,9            |
| NNE            | .5       | 2.9      | 4.4         | 4.2         | 1.0     | • 1      |               |                 |          |             |          | 13.1  | 9.9             |
| NE             | . 6      | 2.7      | 4.4         | .9          | - 1     |          |               |                 |          |             |          | 8.7   | 7.5             |
| ENE            | 5.       | 3.5      | 3.3         | . 3         |         |          |               |                 |          |             |          | 7.3   | 6.8             |
| E              | 1.0      | 4.4      | 4.2         |             |         |          |               |                 |          |             |          | 9,9   | 6.3             |
| ESE            | .3       | 3.1      | 4.1         |             |         |          |               |                 |          |             |          | 7.5   | 6,7             |
| SE             | . 5      | 1.8      | 2.6         | . 2         |         |          |               |                 | ĺ        |             |          | 5.0   | 6.8             |
| SSE            | .2       | 1.0      | 2,5         | . 4         | , 1     |          |               |                 |          |             |          | 4.2   | 8.0             |
| 5              | . 1      | .6       | 1.7         | 1.2         |         |          |               |                 |          |             |          | 4.1   | 11.5            |
| SSW            |          |          | . 3         | 1.4         | . 6     | .6       | . 3           |                 | • 1      |             |          | 3.2   | 18.4            |
| _sw_           | .3       | . 2      | • 1         | . 2         | 3       | . 3      | . 2           |                 |          |             |          | 1.5   | 15.9            |
| WSW            |          | . 1      | . 2         |             | 1       | • 1      |               |                 |          |             |          | , 5   | 13.1            |
| w              | . 2      |          |             | 1           | . 1     | , 1      |               |                 |          |             |          | 4     | 10.5            |
| WNW            |          | . 3      | 1           | . 1         |         |          |               |                 |          |             |          | . 5   | 7.6             |
| NW             | . 3      | . 3      | . 6         | 9           | 3       |          | - 1           | 1               |          |             |          | 3.0   | 13.2            |
| NNW            | , 2      | .7       | 3.0         | 4,5         | 3.0     | 1.5      | 4             |                 | . 1      |             |          | 13.4  | 14.9            |
| VARBL          | . 1      |          |             |             |         |          |               |                 |          |             |          | . 1   | 3.0             |
| CALM           |          | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\geq$  | $\geq <$ | $\geq <$      | $\geq \leq$     | $\geq$   | $\geq$      | $\geq <$ | . 6   |                 |
|                | 4.6      | 23.4     | 36.2        | 20.9        | 8.2     | 4.6      | 1.3           | . 1             | .,       |             |          | 100.0 | 10.3            |

TOTAL NUMBER OF OBSERVATIONS 1552

USAFETAC FORM 101 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TUKYI: IAP JAPAN/HUNSHU

# SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47-60,68-72

|                         |       |     |             |         | ALL N   | EATHER  | ·       | <del></del> |          |         |     | HOUR | 00 - 1<br>10 - 1 |
|-------------------------|-------|-----|-------------|---------|---------|---------|---------|-------------|----------|---------|-----|------|------------------|
|                         |       |     |             |         | CON     | DITION  |         |             |          |         |     |      |                  |
| <del></del>             |       |     | <del></del> | ·       |         |         |         |             |          |         |     |      |                  |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6 | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47  | 48 - 55 | ≥56 | *    | ¥<br>\$          |
| N                       | .5    | 1.4 | 3.4         | 5.1     | 2.5     | 1.5     | ξ,      |             |          |         |     | 14.6 |                  |
| NNE                     | . 5   | 2.1 | 3.5         | 2.8     | . 5     | • 2     | • 1     |             |          | ļ       |     | 9.7  |                  |
| NE                      | 1.0   | 2.4 | 4.0         | 1.9     | . 1     | . 1     |         |             |          |         |     | 9.4  |                  |
| ENE                     | . 6   | 2.5 | 2.0         | . 5     | . 1     |         |         |             |          |         |     | 5.6  | Γ.               |
| E                       | 1,2   | 3.7 | 2.5         | . 3     |         |         |         |             |          |         |     | 7.8  |                  |
| ESE                     | .8    | 2.4 | 2.9         | . 3     |         |         |         |             |          |         |     | 6.3  |                  |
| SE                      | . 8   | 2.7 | 2,3         | . Li    |         |         |         |             | • 1      |         |     | 5,9  |                  |
| SSE                     | .6    | 2.4 | 1.9         | . 8     |         |         |         |             |          |         |     | 5.7  |                  |
| <u>s</u>                |       | 1.5 | 2.6         | 1.7     | . 9     |         |         |             |          |         |     | 7.4  | _                |
| ssw                     |       | .2  | 1.0         | 1.9     | . 6     |         | . 3     |             |          |         |     | 4.4  |                  |
| sw                      | 1     | 1   | . 3         | . 3     | . 5     | 1       | 1       |             |          |         |     | 1.5  |                  |
| wsw                     |       | . 1 | 1           |         |         |         |         |             |          |         |     | 2    |                  |
| w                       | 1     | . 1 | .1          | 1       |         |         | 1       |             | <u> </u> |         |     | . 5  |                  |
| WNW                     | . 1   | . 2 |             | . 3     | , 1     |         |         |             |          |         |     | 8    |                  |
| NW                      |       | . 3 | 8           | 1.3     | . 6     | . 8     | 1       |             | 1        |         |     | 3.9  | _                |
| NNW                     | 2     | 1.0 | 2.6         | 4.3     | 3,8     | 1.4     | 3       | 1           |          |         |     | 13.7 |                  |
| VARBL                   | . 1   |     |             |         |         |         |         |             |          |         |     | - 3  |                  |
| CALM                    |       |     |             |         |         |         |         | ><          |          |         |     | 2.3  |                  |

USAFETAC FORM 7-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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> WNW NW NNW VARBL

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TUKY                    | YIT TAP | JAPAN/I     |             |         |         | 47      | -60,68  |         | YEARS       |  |     |       | EB .                  |
|------------------|-------------------------|---------|-------------|-------------|---------|---------|---------|---------|---------|-------------|--|-----|-------|-----------------------|
|                  |                         |         |             | <del></del> |         |         | EATHER  |         |         |             |  |     |       | 2000                  |
|                  |                         |         |             |             |         | C.      |         |         |         |             |  |     | HOURS | (L.S.T.)              |
|                  |                         |         |             |             |         | CON     | DITION  |         |         |             |  |     |       |                       |
|                  |                         |         | <del></del> |             |         |         |         |         |         | <del></del> | -,   |     |       |                       |
|                  |                         |         |             |             |         |         |         |         |         |             |  |     |       |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 · 3   | 4-6         | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55                                      | ≥56 | *     | MEAN<br>WIND<br>SPEED |
| ì                | N                       | . 5     | 1.6         | 4.0         | 6.1     | 3.1     | 1.9     | • 2     |         |             |  |     | 17.4  | 13.7                  |
| [                | NNE                     | . 3     | 1.2         | 2.6         |         | . 8     |         |         |         |             | <u>                                     </u> |     | 8.0   | 11.0                  |
| į                | NE                      | . 7     | 1.2         | 2.3         | 1.1     | . 2     |         |         |         |             |  |     | 5,6   | 8 . 3<br>8 . 5        |
| Į.               | ENE                     | . 2     | 1.0         | 1.9         | 1.0     | . 1     |         |         |         |             |  |     | 4.2   | 8,5                   |
| 1                | E                       | . 4     | - 6         | 2.0         |         |         |         |         |         |             |  |     | 4,4   | 8,3                   |
| ļ                | ESE                     | . 7     | 2.1         | 1.4         | . 6     |         |         |         |         | <u> </u>    |  |     | 4.8   | 6,5                   |
|                  | SE                      | 1.1     | 2.1         | 2.2         |         |         |         |         |         | <u> </u>    |  |     | 5.7   | 6,3                   |
| Į.               | SSE                     | . 8     | 1.3         | 8           | . 4     |         |         |         |         |             |  |     | 3.4   | 6,3                   |
| l.               | 5                       | . 4     |             | 1.0         |         |         |         |         |         |             |  |     | 3.6   | 8.3                   |
| 1                | ssw                     | . 1     | . 5         | .7          | 1,5     |         |         | • 1     |         | <u> </u>    |  |     | 3.4   | 11.6                  |
| 1                | sw                      |         |             | . 5         |         | 3       | • 3     |         |         |             |  |     | 2.8   | 11.2                  |
| L                | wsw                     | . 3     | . 4         | . 5         | 1       |         | 1       |         |         | Į           | 1  | 1   | 1.2   | 6.3                   |

TOTAL NUMBER OF OBSERVATIONS 1548

10.4

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKY                    | YO TAP | INAPAN/    | <u>เมหริหม</u> |         |         | 47      | -60,68          | -72     | EARS     |          |     |       | FEB_                  |
|------------------|-------------------------|--------|------------|----------------|---------|---------|---------|-----------------|---------|----------|----------|-----|-------|-----------------------|
|                  |                         | _      |            |                |         | ALL W   | EATHER  |                 |         |          |          |     |       | 0=2300                |
|                  |                         | -      |            |                |         | CON     | DITION  |                 |         |          |          |     |       |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4-6        | 7 - 10         | 11 - 16 | 17 - 21 | 22 - 27 | 23 - 33         | 34 - 40 | 41 - 47  | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|                  | N                       | .6     | 2.7        | 5.8            | 7.7     | 2.7     | 1.0     |                 |         |          |          |     | 20.4  | 11.8                  |
|                  | NNE                     | .6     | 1.3        | 3.6            | 3.4     | . 7     | • 3     | *               |         |          | 1        | i   | 9.8   |                       |
| [                | NE                      | .3     | . 8        | 1.6            | 1.8     | .3      |         |                 |         |          |          |     | 4.8   | 10.1                  |
|                  | ENE                     | . 1    | .7         | 1.1            | . 8     | , 1     | • 1     | • 1             |         |          |          |     | 3.0   | 9.7                   |
|                  | E                       | .1     | . 5        | . 5            | .7      |         |         |                 |         |          |          |     | 1.9   | 8,8                   |
|                  | ESE                     | , ž    | . 9        | _,3            | . 1     |         |         |                 |         |          |          |     | 1.6   | 6.2                   |
| ļ                | SE                      | .3     |            | . 9            | 3       |         |         |                 |         |          |          |     | 1.9   | 7.7                   |
|                  | SSE                     | . 3    | 7          | 3              |         |         |         |                 |         |          |          |     | 1.3   | 5_8                   |
|                  | S                       | .4     |            | 3              | 5       | 1       | 1       |                 |         |          | <u> </u> |     | 1.7   | 9.3                   |
|                  | ssw                     | - 1    | . 3        | 6              | 9       |         | 2       |                 |         |          | ļ        |     | 2.5   | 11.8                  |
|                  | sw                      | . 1    | .6         | . 8            | 6       | . 1     | 1       |                 |         |          |          |     | 2.3   | 9.1                   |
|                  | WSW                     | 5      | - 8        | 3              | 4       |         |         |                 |         |          |          |     | 2.0   | 6.5                   |
|                  | w                       | . 5    | 1.6        | 5              |         |         |         |                 |         |          |          |     | 2.7   | 5.0                   |
|                  | WNW                     | - 6    | 2.3        | 1.2            | 2       |         |         |                 |         |          | <b> </b> |     | 4.3   | 5.8                   |
|                  | NW                      |        | 3.3        | 4.4            | 1.9     | 1.2     |         | <u>-</u> _      |         |          | <u> </u> |     | 12.3  | 9.6                   |
|                  | NNW VARBL               |        | 3.4        | 6.4            | 8.1     | 3.0     |         | 3               | 2       |          |          |     | 23.9  | 12.5                  |
|                  | CALM                    |        | <b>─</b> ⁴ |                |         |         |         |                 |         | <u> </u> |          |     | 3.3   | 2.8                   |
|                  |                         | 6.6    | 20.9       | 28.7           | 27,4    | 8,5     | 3.9     | <u>ح</u> ے<br>د |         | <u> </u> |          |     | 100.0 | 10.1                  |

TOTAL NUMBER OF OBSERVATIONS 1542

# SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS 1780

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 311 | TUK                     | YO TAP      | JAPAN/      | -UNSHU |             |             | 47      | -60,67      |             | EARS        |         |     |       | 1AK                   |
|-----|-------------------------|-------------|-------------|--------|-------------|-------------|---------|-------------|-------------|-------------|---------|-----|-------|-----------------------|
|     |                         | _           |             |        |             | ALL W       | EATHER  |             |             |             |         |     | 0000  | 0200                  |
|     |                         | -           |             |        |             |             | DITION  |             |             |             | _       |     | HOURS | (687)                 |
| Γ   | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|     | N                       | .5          |             | 6.3    |             |             | 1.1     |             |             |             |         |     | 21.3  | 11.6                  |
|     | NNE                     | .4          | 1.7         | 4.C    | 3.5         | . 7         | • 1     |             |             |             |         |     | 10.3  | 16.1                  |
|     | NE                      | . 5         | . 8         | 1.9    | 1.6         | ó           |         |             |             |             |         |     | 5.4   | 10.0                  |
|     | ENE                     | . 2         | . 3         | . 9    | ્યુ         | . 1         |         |             |             |             |         |     | 2.2   | 9.6<br>7.7            |
|     | Ε                       | - 2         | . 4         | 5      | 3           |             |         |             |             |             |         |     | 1.5   | 7.7                   |
| L   | ESE                     | . 2         | . 2         |        | 1           |             |         |             |             |             |         |     | - 4   | 5.8                   |
|     | SE                      | .2          | .7          | . 2    | 3           |             |         |             |             |             |         |     | 1.4   | 5.8<br>6.8            |
|     | SSE                     | . 2         | 1           | . 3    | . 2         |             |         |             |             |             |         |     | . 8   | 7.4                   |
|     | S                       | . 3         | . 4         | 3      | 1.1         | , 5         | . 3     |             |             |             |         |     | 2.8   | 12.8                  |
| L   | ssw                     | . 1         | . 4         | . 4    | 1.7         | . 8         | . 6     | 1           |             |             |         |     | 4.2   | 15.2                  |
| L   | sw                      | 2           | . 5         | 3      | . 7         | . 1         | 1       | 1           |             |             |         |     | 1.9   | 10.6                  |
| L   | wsw                     | . 4         | 1.1         | 3      | 2           |             |         | i           |             |             |         |     | 2.0   | 5.9                   |
| L   | _ w                     | . 7         | 1.5         |        |             |             |         |             |             |             |         | i   | 2.7   | 4.5                   |
| L   | WNW                     | . 7         | 2.1         | .6     | 3           | . 1         |         |             |             |             |         |     | 3.8   | 4.5<br>5.9            |
| L   | NW                      | 1.0         |             |        | 1.7         | . 6         | 3       | 2           |             |             |         |     | 12.0  | 8.6                   |
| L   | NNW                     | . 8         | 3.3         | 8.0    | 7,9         | 2,7         | 1.0     | . 4         |             |             |         |     | 24.0  | 11.6                  |
| L   | VARBL                   | L           |             |        |             |             |         |             |             |             |         |     |       |                       |
|     | CALM                    | $\geq \leq$ | $\geq \leq$ | ><     | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><      | ><  | 3.3   |                       |
| Γ   |                         | 6.5         | 20.7        | 28 7   | 20.5        | 8.2         | 3.4     | ٥           |             |             |         |     | 100 0 | 10.0                  |

USAFETAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| TOKY                    | U JAP | JAPAN/ | HAME   |               |         | 47                | 60,67         | <u>-72</u> | EATS      |                |  |       | MAR                   |
|-------------------------|-------|--------|--------|---------------|---------|-------------------|---------------|------------|-----------|----------------|--|-------|-----------------------|
|                         |       |        |        |               | ALL W   | EATHER            |               | ·          |           |                |  | 0300  | 0=0500                |
|                         |       |        |        |               | сон     | PITION            |               |            |           |                |  |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4.6    | 7 - 10 | 11 - 16       | 17 - 21 | 22 - 27           | 28 - 33       | 34 - 40    | 41 - 47   | 48 - 55        | ≥56  | *     | MEAN<br>WIND<br>SPEED |
| N                       | 9,    | 3.3    | 8.1    | 8.4           | 1.8     | • 5               | • 1           |            |           |                |  | 23.1  |                       |
| NNE                     | • //  | 1.7    | 3.4    |               | 1.2     | . 2               |               |            |           | <u></u> -      |  | 11.0  | 10.8                  |
|                         | .5    |        |        |               |         |                   | <del></del> - |            |           |                | <del> </del>                                     |       | 10.0                  |
| NE<br>ENE               |       | 1.0    | 1.1    | 1,5           | . 5     | - 2               |               |            |           |                |  | 4.4   | 10.7                  |
| E                       | .2    |        | .6     | . 4           | . 1     |                   |               |            |           |                | <del>[</del>                                     | 1.2   | 5.2<br>5.5            |
| ESE                     |       |        | - 1    |               |         |                   |               |            |           | <del> </del>   |  |       | 9.3                   |
| SE                      | . 1   |        | 1      |               |         |                   | • 1           |            |           | <del> </del>   | <del>                                     </del> | . 2   | 9.5                   |
| SSE                     | .1    | . 3    | • 4    |               |         |                   |               |            |           |                | <del> </del>                                     | .6    | 4.0                   |
| \$ S                    | :1    | .2     | . 2    | <u>.1</u>     | .4      | 1                 |               |            | l <u></u> | <del></del>    | <del>  </del>                                    | 1.8   | 6.9<br>13.4           |
|                         | .1    | .2     | .4     |               | 1.0     |                   | 1             |            |           |                | <del> </del>                                     | 3.4   | 16.2                  |
| SSW<br>SW               | .1    | .2     |        | • 2           | .3      | • 1               |               |            |           |                | <del> </del>                                     | 1.3   | 12 2                  |
| WSW                     |       |        |        | • 1           | . 1     |                   |               |            |           |                | <del> </del>                                     | 1.4   | 12.3                  |
| w                       | 1.4   | 1.8    | , 3    |               | • •     |                   |               |            |           | <del> </del>   | <del> </del>                                     | 3.6   | 4.4                   |
| WNV/                    | i d   | 2.0    |        |               | .1      |                   |               |            |           |                | <del> </del>                                     | 3.9   |                       |
| NW.                     | 1.6   | 4,2    | 4.7    | 2,2           |         | • 2               | . 2           |            |           |                | t  | 13.9  |                       |
| NNW                     | 1.0   | 4.7    | 8,9    |               | 2.5     | 1.1               | • 1           |            |           | <u> </u>       | <del> </del>                                     | 26.4  | 10.9                  |
| VARBL                   |       | - 7.1  |        |               |         | —— <del>7.4</del> |               |            |           | <del> </del>   |  | 1     | 4,0                   |
| CALM                    |       |        | >      | $\overline{}$ | ><      | >                 | >             | >          | ><        |                |  | 3.4   |                       |
| -                       | 7.7   | 20,5   | 29,2   | 26.7          | 8.9     | 3,2               | .4            | <u></u> >  |           | <del>[</del> } |  | 100.0 | 9.8                   |

TOTAL NUMBER OF OBSERVATIONS 1782

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

| I'AR             |       |     |             | EARS        | -72         | 60,67       | 47                        | <del></del> |               | UNSHU    | APAN/H      | IAP . | TOKYE          |
|------------------|-------|-----|-------------|-------------|-------------|-------------|---------------------------|-------------|---------------|----------|-------------|-------|----------------|
|                  |       |     |             |             |             |             | : A <b>P</b> U <b>P</b> D | 411 to E    |               | ****     | SIATION     |       |                |
| 500=080          | HOURS |     | _           |             |             |             | # 1 175 EK                | ALL WE      |               |          |             |       |                |
|                  |       |     |             |             |             |             |                           |             |               |          |             |       |                |
|                  |       |     |             |             |             |             | TION                      | COHD        |               |          |             |       |                |
|                  |       |     |             |             |             | <del></del> |                           |             |               |          |             |       |                |
|                  |       |     |             |             |             |             |                           |             |               |          |             |       |                |
| MEAN             | *     | ≥53 | 42 - 55     | 41 - 47     | 34 - 40     |             |                           |             |               |          |             |       | SPEED          |
| SPEED            | . ~   | 233 | 40 . 33     | 41 - 4/     | 34 - 40     | 28 - 33     | 22 · 27                   | 17 - 21     | 17 - 16       | 7 · 10   | 4.6         | 1 · 3 | (KNTS)<br>DIR. |
|                  | 23.8  |     |             |             |             |             | •6                        | 1.9         | 8.0           | 7.7      | 4.3         | 1.2   | N              |
| .स 11.           | 10.8  |     |             |             |             | . 1         | . 2                       | 1.0         | 4.5           | 3.5      | 1.2         | . 4   | NNE            |
|                  | 5.1   |     |             |             |             |             | . 2                       | .7          | 1.6           | 1.3      | 1.1         | . 1   | NE             |
| , 2 8            | 1,2   |     |             |             |             |             | i                         |             | . 4           | . 4      | . 2         | , 2   | ENE            |
| 3 5              | 3     |     |             |             |             |             |                           |             |               | . 2      | . 1         | i ji  | E              |
|                  | . 2   |     |             |             |             |             |                           |             | . 1           | . 1      |             | . 1   | ESE            |
| . 3 5            | 3     |     |             |             |             |             |                           |             |               | . 1      | .11         | . 1   | SE             |
| . 3 8            | 3     |     | ]           |             |             |             |                           |             | . 2           |          | . 1         | . 1   | SSE            |
|                  | 1.7   |     |             |             |             | . 1         | 1                         | . 4         | . 7           | . 3      | .1          | . 1   | S              |
| <u>. 9 </u> ' 4_ | 2.9   |     |             |             |             | . 2         | . 8                       | ,4          | 9             | 2        | . 3         |       | ssw            |
| . 2 7            | 1.2   |     |             |             |             |             |                           | 1           | 3             | . 2      | . 2         | . 4   | sw             |
| .8 6             |       |     |             |             |             |             |                           |             |               | 1        | . 4         | 4     | wsw            |
| <u>. 0 4 </u>    | 3.0   |     |             |             |             |             |                           |             | . 1           | . 3      | 1.2         | 1,3   | w              |
|                  | 3.2   |     |             | <br>        |             |             |                           |             | . 4           | . 2      | 1.6         | . 9   | WNW            |
| <u>.0 7</u>      | 13.0  |     |             |             |             |             | . 2                       | . 3         | 2.2           | 3.6      | 4.1         | 2.6   | NW             |
| 2 2              | 27.3  |     |             |             |             | . 2         | l. ii                     | 4.0         | 7.7           | 8.1      | 4.2         | 1.4   | NNW            |
| 2 2              | 2     |     |             |             |             |             |                           |             |               |          |             | . 2   | VARBL          |
| • 64             | 4.6   | ><  | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq < 1$                | $\geq \leq$ | $\geq \leq 1$ | $\geq <$ | $\geq \leq$ | ><    | CALM           |
| 0 9              | 100.0 |     |             |             |             | . 4         | 3,9                       | 8.8         | 27.3          | 26.4     | 19.2        | 9.5   |                |

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                       | TUKY                    | () IAP | JAPAN/  |        |         |         | 47      | -60,67  |             |         |               |     | MAR  |                                       |  |  |  |  |  |
|-----------------------|-------------------------|--------|---------|--------|---------|---------|---------|---------|-------------|---------|---------------|-----|------|---------------------------------------|--|--|--|--|--|
| 43311<br>STAYION      |                         | -      | STATION |        |         |         | EATHER  |         | <del></del> | YEARS   |               |     | 090  | 0=1100<br>(                           |  |  |  |  |  |
|                       |                         | -      |         |        |         |         | IDITION |         | <del></del> |         | <del></del> - |     |      | ,                                     |  |  |  |  |  |
| r                     |                         |        |         |        |         |         |         |         |             |         | - <del></del> |     |      | · · · · · · · · · · · · · · · · · · · |  |  |  |  |  |
|                       | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4-6     | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47 | 48 - 55       | ≥56 | *    | MEAN<br>WIND<br>SPEED                 |  |  |  |  |  |
| STATION  SPE (KN) DII | N                       | 1.0    | 3.1     |        |         |         | 1.0     | . 1     |             |         |               |     | 21.0 |                                       |  |  |  |  |  |
| [                     | NNE                     |        | 7 3.3   | 5.8    | 3.2     | 1.2     | . 2     |         |             |         |               |     | 14.4 | 9.5                                   |  |  |  |  |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6       | 7 - 10      | 11 - 16 | 17 - 21     | 22 • 27     | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|--------|-------------|-------------|---------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------|-----------------------|
| N                       | 1.0    | 3.1         |             | 7.5     | 2.3         | 1.0         | • 1         |             |          |             |             | 21.0  |                       |
| NNE                     | . 7    | 3.3         | 5.8         | 3.2     | 1.2         | • 2         |             |             |          |             |             | 14.4  |                       |
| NE                      | 1.2    | 4.1         | 3.8         | 1.4     | .2          | • 1         |             |             |          |             |             | 10.9  | 7.3                   |
| ENE                     | . 4    | 3.4         | 2.6         | .6      |             | • 1         |             |             |          |             |             | 7.1   | 6,9                   |
| E                       | .7     | 2.9         | 1.5         | • 1     |             |             |             |             |          |             |             | 5,2   | 5,6                   |
| ESE                     | .3     | 1.0         |             | • 1     |             |             |             |             |          |             |             | 2.7   | 6,5                   |
| SE                      | . 4    | 1.2         |             | 1       | . 1         |             |             |             |          |             |             | 2.2   | 6,2                   |
| SSE                     | , 3    | . 4         | . 6         | . 4     |             |             |             | L           |          |             |             | 1.6   |                       |
| S                       | . 1    | . 2         |             | .6      | . 6         |             | 1           | 1           |          |             |             | 2,4   | 14.5                  |
| ssw                     | 1      | . 2.        | . 2         | . 6     |             |             | . 5         | . 2         |          |             |             | 3.1   | 20,5                  |
| sw                      | . 1    | . 3         |             | . 2     | .2          | • 1         | .1          | l           |          |             |             | 1.0   | 12,1                  |
| wsw                     | . 1    | . 1         | . 3         | . 1     | .1          |             |             |             |          |             |             | . 7   | 8,5                   |
| w                       |        | .2          | . 2         | . 1     |             |             |             |             |          |             |             | 5     |                       |
| WNW                     | . 2    | . 2         |             | • 1     | . 2         | 1           |             |             |          |             |             | 1.1   | 10.2                  |
| NW                      | 1 94   | 1.2         | 1.6         |         |             | .6          |             | <u> </u>    |          |             |             | 5,9   |                       |
| NNW                     | . 3    | 1.6         | 3.9         | 5,8     | 3.1         | 3.0         | .3          |             |          |             |             | 18,1  | 14.4                  |
| VARBL                   | . 1    |             |             |         |             |             |             |             |          |             |             | 2     | 3,3                   |
| CALM                    | $\geq$ | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq \leq$ | 1.9   |                       |
|                         | 6,3    | 23,6        | 29.0        | 22.5    | 7,5         | 5,8         | 1.1         | . 2         |          |             |             | 100.0 | 10.4                  |

TOTAL NUMBER OF OBSERVATIONS 1785

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|   |                         |          |             |        | (FROM                                 | HOURLY      | OBSERV   | ATIONS      | )                                     |             |             |          |       |                       |
|---|-------------------------|----------|-------------|--------|---------------------------------------|-------------|----------|-------------|---------------------------------------|-------------|-------------|----------|-------|-----------------------|
|   | TOK                     | YF TAP   | JAPAN/      | HONSHU |                                       |             | 47       | -60,67      |                                       | EARS .      |             |          |       | MAR                   |
|   |                         |          | 3181108     |        |                                       | ALL W       | EATHER   |             | · · · · · · · · · · · · · · · · · · · |             |             |          |       | 0-1400                |
|   |                         |          |             |        |                                       | CL          | A\$\$    |             |                                       |             |             |          | HOUR  | 5 (L S T.)            |
|   |                         | _        |             |        | · · · · · · · · · · · · · · · · · · · | CON         | DITION   |             |                                       | <del></del> | <del></del> |          |       |                       |
|   |                         | _        |             |        |                                       |             |          |             |                                       |             |             | <u> </u> |       | ·····                 |
|   | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6         | 7 - 10 | 11 - 16                               | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40                               | 41 - 47     | 48 - 55     | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|   | N                       | .1       | .9          | 2.6    | 4.2                                   | 2.4         | 1.2      | . 2         |                                       |             |             |          | 11.6  |                       |
|   | NNE                     | , 3      | 2.1         | 2.9    |                                       | 1.0         | • 2      |             |                                       |             |             |          | 10.1  | 10.5                  |
|   | NE                      | .6       | 3.1         | 4.2    | 1.6                                   | . 2         |          |             |                                       |             |             |          | 9,8   | 7.9                   |
|   | ENE                     | . 8      | 2.7         | 3.6    | , 9                                   | . 2         |          |             |                                       |             |             |          | 8.2   | 7.4                   |
|   | E                       | , 9      | 4.1         | 5.7    | , 6                                   |             |          |             |                                       |             |             |          | 11,3  | 6.8                   |
|   | ESE                     | . 4      | 1.9         | 4.9    | . 8                                   |             |          |             |                                       |             |             |          | 8,1   | 7.8                   |
|   | SE                      | . 2      | 1.2         | 3.7    | . 5                                   |             |          |             |                                       |             |             |          | 5,6   | 6,8<br>7,8<br>7,9     |
|   | SSE                     | . 6      | 1.2         | 2.9    | 2.1                                   | , 3         | • 1      |             |                                       |             |             |          | 7.1   | 9.4                   |
|   | \$                      | , 3      | . 7         | 2,9    | 2.7                                   | 1.1         | . 1      | 3           |                                       |             |             |          | 8.0   | 12.0                  |
|   | ssw                     |          | . 1         | 2      | 1.3                                   | 1.3         | 1.2      | . 8         | . 2                                   |             |             |          | 5,2   | 20.7                  |
|   | sw                      | . 1      |             | 3      | . 1                                   | . 1         | • 2      | 1           |                                       |             |             |          | . 8   |                       |
| _ | wsw                     |          |             | . 1    | 1                                     | 1           |          |             |                                       |             |             |          | . 2   |                       |
|   | w                       |          | . 2         | 1      |                                       |             |          |             |                                       |             |             |          | . 2   | 5,5                   |
|   | WNW                     |          | . 2         | . 2    |                                       | 1           | . 1      |             |                                       |             |             |          | . 5   | 11.0                  |
|   | NW                      | • 1      | . 3         | . 6    | . 8                                   | . 4         | . 4      | • 1         | 1                                     |             |             |          | 2.7   | 14.8                  |
|   | NNW                     |          | . 3         | 1.7    | 2.9                                   | 2,2         | 1.7      | . 3         | . 1                                   |             |             |          | 9.2   | 16.4                  |
|   | VARBL                   | . 1      | . 1         |        |                                       |             |          |             |                                       |             |             |          | 2     | 3,3                   |
|   | CALM                    | $\times$ | $\geq \leq$ | ><     | $\times$                              | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$                           | $\geq \leq$ |             | ><       | 1.3   |                       |
|   |                         | 4.6      | 18.9        | 36.4   | 22.2                                  | 9,3         | 5.0      | 1.9         | . 4                                   |             |             |          | 100.0 | 10.8                  |

TOTAL NUMBER OF OBSERVATIONS 1798

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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> NW NNW VARBL CALM

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| TOK                     | YI IAP | JAPAN/ |        |         |         | 47      | -60,67  |         | EARS    | <del></del>                                      |     |       | AR                    |
|-------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|--|-----|-------|-----------------------|
|                         |        |        |        |         | ALL W   | EATHER  |         |         |         |  |     | 1500  | -1700                 |
|                         |        |        |        |         |         | LASS    |         |         |         |  |     | HOURS | (L S T.)              |
|                         | _      |        |        |         |         |         |         |         |         |  |     |       |                       |
|                         |        |        |        |         | CON     | NOITION |         |         |         |  |     |       |                       |
|                         | -      |        |        |         |         |         |         |         |         |  |     |       |                       |
|                         |        |        |        |         |         |         |         |         |         |  |     |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
| N                       | . 2    | . 9    | 1.6    | 3.8     | 2.9     | 1.9     | , 3     |         |         | <del>                                     </del> |     | 11.6  | 15.4                  |
| NNE                     | .3     | 1.6    |        | 2.2     | . 8     |         |         |         |         |  |     | 7.2   | 10.9                  |
| NE                      | .3     | 2.3    | 1.7    | 1.7     | . 3     | • 3     |         |         |         | 1  |     | 6.6   | 9.1                   |
| ENE                     | .4     | 2.0    |        |         | .3      | • 1     |         |         |         |  |     | 6.9   | 8,9                   |
| E                       | .4     | 2.2    |        | 1.5     |         |         |         |         |         |  |     | 7.6   | 8,1                   |
| ESE                     | .4     | 2.3    | 3.0    | 1,2     | . 1     | •1      |         |         |         |  |     | 7.2   | 8.0                   |
| SE                      | . 8    |        |        | . 8     |         |         |         |         |         |  |     | 7.6   | 7.4                   |
| SSE                     | .6     |        |        |         | .3      | • 1     |         |         |         |  |     | 9.6   | 8.8                   |
| S                       | . 2    |        | 4.3    |         | 1,5     | . 4     | . 2     |         |         |  |     | 12.6  | 11.9                  |
| ssw                     | .1     | 3      | . 9    |         |         |         | . 3     | . 2     |         |  |     | 7.5   | 16.4                  |
| sw                      |        | . 4    |        | . 2     | . 2     | . 2     |         |         |         |  |     | 1,2   | 14.3                  |
| wsw                     | . 1    |        | 2      |         | . 1     |         |         |         |         | ii   |     | . 4   | 9,4                   |
|                         | 1      | • 1    | . 2    |         |         | • 1     |         |         |         |  |     | . 5   | 8.3                   |
| *******                 | 1      | •      |        |         |         |         |         |         |         | 1  |     |       | 12 4                  |

TOTAL NUMBER OF OBSERVATIONS 1794

100.0

USAFETAC  $\frac{\text{form}}{\text{JUL-64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

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# SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1795

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOK             | YC: TAP                                | JAPAN/      | <b>HUNSHU</b> | )           |         | 47      | <u>-60,67</u>     | -72     |              |          |     | (     | MAR                 |
|---------|-----------------|--|-------------|---------------|-------------|---------|---------|-------------------|---------|--------------|----------|-----|-------|---------------------|
| STATION |                 |  | STATIO      | N NAME        |             |         |         |                   |         | YEARS        |          |     | N N   | ONTH                |
|         |                 |  |             |               |             | ALL W   | EATHER  |                   |         |              |          |     | 180   | 0-2000              |
|         |                 |  |             |               |             | cı      | ASS     |                   |         |              |          |     | HOURS | (L S T.)            |
|         |                 |  |             |               |             |         |         |                   |         |              |          |     |       |                     |
|         |                 |  |             |               |             | CON     | DITION  |                   |         |              |          |     |       |                     |
|         |                 | _                                      |             |               |             |         |         |                   |         |              |          |     |       |                     |
|         |                 |  |             |               |             |         |         |                   |         |              |          |     |       |                     |
|         |                 | )                                      | 1           | ·             | <del></del> |         |         |                   |         | T            |          |     |       |                     |
|         | SPEED<br>(KNTS) | 1.3                                    | 4-6         | 7 - 10        | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33           | 34 - 40 | 41 - 47      | 48 - 55  | ≥56 | *     | MEAN<br>WIND        |
|         | DIR.            |  |             | , ,,          | '' ''       |         |         |                   |         |              | " "      |     | "     | SPEED               |
|         | N               |  | 1.1         | 2.8           | 4.4         | 2.9     | 1.4     | •1                |         |              |          |     | 13.0  | 13.9                |
|         | NNE             |  | 1.2         | 2.6           | 2.1         | .6      | •7      |                   |         |              |          |     | 7.6   | 10.9                |
|         | NE              |  | . 8         | 2.2           | 2.3         | .6      | 1       |                   |         |              |          |     | 6.3   | 10.8                |
|         | ENE             |  |             |               | 2.6         | . 4     | •1      |                   |         |              |          |     | 5.8   | 11.0                |
|         | Ε               |  |             | 1.9           | 1.5         | , 2     |         |                   |         |              |          |     | 5.2   | 9.4                 |
|         | ESE             |  | , R         | 1.4           | 1.9         |         |         |                   |         |              |          |     | 4.7   | 9.3                 |
|         | SE              |  | 1.4         | 2.3           | 1.8         | . 1     |         |                   |         |              |          |     | 6.0   | 8.7                 |
|         | SSE             |  |             |               | . 8         | . 1     | • 1     |                   |         |              |          |     | 5.3   | 7,6<br>10,3<br>13,3 |
|         | 5               | . (                                    |             | 3.1           | 2.8         | . 8     | • 3     |                   |         |              |          |     | 9.0   | 10.3                |
|         | ssw             |  | 1.2         | 1.7           | 3.0         | 1.4     | • 8     | . 2               |         |              |          |     | 8.5   | 13.3                |
|         | sw              | 4                                      | .5          |               | 4           | . 4     |         |                   |         | <u> </u>     | <u> </u> |     | 2.8   | 10.1                |
|         | WSW             |  | 4 .4        | - 4           | 4           |         |         |                   |         | <u> </u>     |          |     | 1_3   | 8.0                 |
|         |                 | <u> </u>                               | <u> </u>    | 1             |             |         |         |                   |         | <u> </u>     | <u> </u> |     | 5     | 4.5                 |
|         | WNW             | نعــــــــــــــــــــــــــــــــــــ |             | 6             | 1           |         |         |                   |         | <u> </u>     | i        |     | 1:2   | 6.6                 |
|         | NW              | <u> </u>                               | <del></del> | 1.6           |             | , 8     | . 8     | 1                 |         | <u> </u>     |          |     | 5,7   | 12.6                |
|         | NNW             | <u> </u>                               | . 8         | 1,9           | 5,2         | 3.1     | 2,6     | 3                 |         |              | <u> </u> |     | 14.1  | 16.0                |
|         | VARSL           | L                                      | <u></u>     |               |             |         |         |                   |         | ļ            |          |     | 1     | 4.0                 |
|         | CALM            | $\parallel><$                          | $\sim$      | ><            | ><          | ><      | $\sim$  | ><                | ><      | ><           | ><       | ><  | 2.6   |                     |
|         | -               |  |             |               |             |         |         | $\longrightarrow$ |         | <del> </del> |          |     |       |                     |
|         | L               | 5,8                                    | 14.9        | 27.0          | 30.8        | 11.4    | 6.9     | . 6               | . 1     | U            | 1        |     | 100.0 | 11.3                |

43311 TOKYO JAP JAPAN/HONSHU

### SURFACE WINDS

MAR

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47-60,67-72

| BTATION |               |       | STATIO | RRAME  |         |         |          |            | 1             | TEARS        |          |     |       | ONTH          |
|---------|---------------|-------|--------|--------|---------|---------|----------|------------|---------------|--------------|----------|-----|-------|---------------|
|         |               | _     |        |        |         |         | EATHER   |            |               |              |          |     | 2100  | 0-2300        |
|         |               |       |        |        |         | cı      | ASS      |            |               |              |          |     | HOURS | (L S.T.)      |
|         |               | _     |        |        |         |         |          |            |               |              |          |     |       |               |
|         |               |       |        |        |         | CON     | HOITIGH  |            |               |              |          |     |       |               |
|         |               | _     |        |        |         |         |          |            |               |              |          |     |       |               |
|         |               |       |        |        |         |         |          |            |               |              |          |     |       |               |
|         | SPEED         |       |        |        |         |         |          |            |               | l            |          |     |       | MEAN          |
|         | (KNTS)<br>DIR | 1 - 3 | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33    | 34 - 40       | 41 - 47      | 48 - 55  | ≥56 | *     | WIND<br>SPEED |
|         | N             | .4    | 1.6    | 3.7    | 5.7     | 2.8     | 1.2      | . 3        |               | <del> </del> |          |     | 15.7  | 13.3          |
|         | NNE           | . 8   |        |        | 2.8     |         | . 5      |            |               |              |          |     | 9.3   |               |
|         | NE            | .6    |        | 2.5    | 3.1     | . 5     | • 1      |            |               |              | <u> </u> |     | 8.3   | 9,9           |
|         | ENE           | . 5   | .6     |        |         |         |          | • 1        |               |              |          |     | 5.0   | 9,8           |
|         | E             | .4    |        |        | , 5     | , 1     |          |            |               |              |          |     | 2.4   |               |
|         | ESE           | . 1   | .3     |        | . 2     |         |          |            |               |              |          |     | 1.5   | 7,9           |
|         | SE            | . 5   |        | 1.5    |         |         |          |            |               |              |          |     | 3,4   |               |
|         | SSE           | . 3   | .6     |        |         |         |          | `          |               |              |          |     | 2.1   | 7.6           |
|         | S             | .4    |        | 1.7    | 1.2     | . 5     | .4       |            | .1            |              |          | i   | 5.C   | 11.1          |
|         | ssw           | . 2   | .7     |        | 2.8     | 1.0     | • 6      | • 1        |               |              |          |     | 6.8   | 13.2          |
|         | sw            | , 2   | . 8    | .5     |         | . 4     | • 1      | • 1        |               |              |          |     | 2.9   | 10.7          |
|         | WSW           | 5     |        | .7     | 1       | . 1     |          |            |               |              |          |     | 2.0   | 6.4           |
|         | W             | . 7   | .7     | . 2    | 1       |         |          |            |               |              |          |     | 1.7   | 5.1           |
|         | WNW           | . 8   |        |        |         |         |          |            |               |              |          |     | 2.0   | 5.2           |
|         | NW            | . 7   |        |        |         | . 8     |          | - 1        |               |              |          |     | 7.9   | 11.3          |
|         | NNW           | 1.0   | 2.3    | 5.9    | 6,6     | 2.9     | 1.5      | . 2        | • 2           |              |          |     | 20.6  | 12.7          |
|         | VARBL         | .1    | .1     |        |         |         |          |            |               |              |          |     | . 2   | 3.7           |
|         | CALM          |       |        |        |         |         |          | $\searrow$ | $\overline{}$ |              |          |     | 2.6   |               |
|         | ,             | ·     |        | _      | _       |         | $\sim$ 1 | _ \        | _ \           | _            |          | _   |       |               |

TOTAL NUMBER OF OBSERVATIONS 1776

100.0 10.7

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 47=60,67,69-72 | APR          |
|---------|------------------------|----------------|--------------|
| STATION | STATION NAME           | YEARS          | нтион        |
|         |                        | ALL WEATHER    | 0000=0200    |
|         |                        | CLASS          | HOURS (LST.) |
|         |                        |                |              |
|         |                        | CONDITION      |              |

| SPEED<br>(KNTS)<br>DIR. | 1 · 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21  | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                       | . 7         | 1.9         | 5.0         | 4.2         | 1.8      | •8          | .2          |             |             |             |             | 14.6  | 11.6                  |
| NNE                     | .6          | 2.1         | 3.8         | 2.5         | .6       |             |             |             |             |             |             | 9.6   | 9.3                   |
| NE                      | , 5         | 1.7         | 1.8         | 1.9         | .2       | • 1         |             |             |             |             |             | 6.2   | 9,1                   |
| ENE                     | , 3         | 1.3         | .7          | 1.0         | .1       |             |             |             |             |             |             | 3.4   | 8.3                   |
| E                       | , 2         | 1.1         | . 8         | • 2         |          |             |             |             |             |             |             | 2,4   |                       |
| ESE                     | , 2         | .4          |             | , 2         |          |             |             |             |             | l           |             | 1,2   | 7,3                   |
| SE                      | .6          | 1.2         |             | - 1         | . 1      |             |             |             |             |             |             | 2,5   | 5,4                   |
| SSE                     | , 3         | 1.3         | . 8         | . 8         | 1        |             |             |             |             |             |             | 3,3   | 8.2                   |
| S                       | 5           | 1.8         |             | 2.1         | . 4      |             | • 1         |             |             |             |             | 6.7   | 10.3                  |
| ssw                     | , 2         | 1.1         | 1.9         | 3.6         | 1.8      | • 6         | , 1         |             | l           | <u> </u>    |             | 9,4   |                       |
| sw                      | . 4         | 1.0         |             | , 5         | . 2      |             |             |             |             | l           |             | 2,9   | 7,9                   |
| WSW                     | .6          | . 9         |             |             |          |             |             |             |             |             |             | 1.9   |                       |
| w                       | - 9         | 1.9         |             |             |          |             |             |             |             | ļ           |             | 3,1   | 4.4                   |
| WNW                     | .7          | 1.8         |             | 1           |          |             |             |             | <u> </u>    |             |             | 3,4   |                       |
| NW                      | . 4         | 3.6         |             |             | 2        |             |             |             |             |             |             | 9,1   | 8.2                   |
| NNW                     | , 9         | 2.5         | 3,9         | 4,2         | 1.5      | 1.2         | 1           |             |             |             | <u> </u>    | 14.3  | 11.4                  |
| VARBL                   |             |             |             |             |          |             |             |             |             | <u> </u>    |             |       |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 5.9   |                       |
|                         | 8.0         | 25.5        | 26.4        | 23.7        | 7.0      | 3,2         | , 4         |             |             |             |             | 100.0 | 9.1                   |

TOTAL NUMBER OF OBSERVATIONS 1653

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TURYU TAP JAPAN/HONSHU | 47=60,67,69=72 | APR MONTH    |
|------------------|------------------------|----------------|--------------|
|                  | AL                     | L WEATHER      | ()300 m 0500 |
|                  |                        | CONDITION      |              |
|                  |                        |                |              |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47     | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|-------------|---------|---------|-------------|-------------|----------|-----|-------|-----------------------|
| N                       | . 9         | 2.9         | 6.8         | 6.4         | 1.8         | • 7     |         |             |             |          |     | 19.5  | 10.9                  |
| NNE                     | . 3         | 2.0         | 3.7         | 2.9         | 9           | • 2     |         |             |             |          |     | 10.0  | 10,3                  |
| NE                      | , 3         | 1.1         | 1.9         | 1.5         | . 5         | • 2     |         |             |             |          |     | 5.5   |                       |
| ENE                     | 3           | .8          | . 4         | • 6         |             | 1       |         |             | Ĺ           |          |     | 2,1   | 8.3                   |
| Ε                       | . 1         | . 4         | . 3         |             | . 1         |         |         |             |             |          |     | 1.1   | 8.3                   |
| ESE                     | , 2         | . 5         | . 1         | 1           |             |         |         |             |             | L        |     | . 9   |                       |
| SE                      | 4           |             | 2           |             |             |         |         |             |             |          |     | 9     | 4.4                   |
| SSE                     |             |             | 5           |             | . 2         | 1       |         |             |             |          |     | 2.4   |                       |
| s                       | 4           | . 8         | 1.7         | 1.0         | ,4          | . 1     | . 2     |             |             |          |     | 4.7   | 11.1                  |
| ssw                     | . 2         | 7           | 1.6         | 2.2         | 1,9         | • 3     | 2       |             |             |          |     | 7.1   | 13,5                  |
| sw                      | , 5         |             | . 8         | . 4         | . 2         |         |         | <u> </u>    | <u> </u>    |          |     | 2.5   | 7.9                   |
| wsw                     | 6           | 1.0         |             |             |             |         |         |             |             | <u> </u> |     | 1.9   | 4, <u>5</u><br>3,8    |
| W                       | 1,9         | 2.1         | 1           |             |             |         |         |             | <u> </u>    |          |     | 4.C   | 3.8                   |
| WNW                     | 1,1         | 3.1         | . 4         |             |             |         |         |             |             |          |     | 4,7   | 4.6                   |
| NW                      | 1,3         | 4.1         | 2.1         | 9           | 5           | . 2     |         |             |             |          |     | 9.0   | 7,4                   |
| WNW                     | 1,0         | 3.9         | 6.0         | 4.8         | 1.4         | 1.3     | , 5     |             |             |          |     | 18.9  | 11.0                  |
| VARBL                   |             |             |             |             |             |         |         |             |             |          |     |       |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><      | ><      | $\geq \leq$ | $\geq \leq$ |          |     | 4.8   |                       |
|                         | 10.0        | 24.9        | 26.9        | 21.4        | 7.9         | 3.1     | ,9      | . 1         |             |          |     | 100.0 | 9.1                   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOK                     | YO TAP         | JAPAN/  |               |         |         | 47      | -60,67  |                                       |         |             |     |             | APR                   |
|------------------|-------------------------|----------------|---------|---------------|---------|---------|---------|---------|---------------------------------------|---------|-------------|-----|-------------|-----------------------|
| STATION          |                         | _              | STATION | HAME          |         | ALL W   | EATHER  |         | · · · · · · · · · · · · · · · · · · · | EARS    |             |     | 060         | 041H<br>0=0800        |
|                  |                         |                |         |               |         | CL      | ASS     |         |                                       |         |             |     | HOURS       | ( ( S.T. )            |
|                  |                         | -              |         |               |         | CON     | DITION  |         |                                       |         |             |     |             |                       |
|                  |                         | Į <del>i</del> | T       | <del></del> - |         |         |         | ····    |                                       | 1       | <del></del> |     | <del></del> | <del></del>           |
|                  | SPEED<br>(KNTS)<br>DIR. | 1-3            | 4-6     | 7 - 10        | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 49                               | 41 - 47 | 48 - 55     | ≥56 | %           | MEAN<br>WIND<br>SPEED |
|                  | N                       | 1.0            | 4.1     |               | 6.8     | 2.0     | 1.1     | .1      |                                       |         |             |     | 22.3        | 10.7                  |
|                  | NNE                     | •              |         | 3.6           | 3.5     | . 8     | • 1     |         |                                       |         |             |     | 10.9        | 9.8                   |
|                  | NE                      |                | 1.5     | 1.8           | 1.4     | . 7     |         |         |                                       |         |             |     | 6.0         |                       |
|                  | ENE                     |                | . 6     | . 9           | 1.0     | . 1     | • 1     |         |                                       |         |             |     | 3.0         | 9.2                   |
|                  | E                       |                | .4      | . 2           | • 1     | . 1     | 01      |         |                                       |         |             |     | 1,1         | 8,1                   |
|                  | ESE                     |                | .2      | .4            |         |         |         |         |                                       |         |             |     | . 8         | 6.2                   |
|                  | ŞE                      |                | .7      | .1            | . 2     |         |         | . 1     |                                       |         |             |     | 1.3         | 9,1                   |
|                  | SSE                     |                |         | . 2           | . 5     | . 2     |         | . 1     |                                       |         |             |     | 1.7         | 10.3                  |
|                  | s                       | •              |         | 1.3           | 1.5     | . 5     | • 1     | • 1     |                                       |         |             |     | 3.9         | 11,9                  |
|                  | ssw                     |                |         | .7            | 2.2     |         | . 3     |         |                                       |         |             |     | 4,9         | 13,8                  |
|                  | sw                      |                | .5      | . 4           | . 5     | . 2     |         |         |                                       |         |             |     | 2.2         | 8,9                   |
|                  | wsw                     | ļ              |         | . 3           | • 1     |         |         |         |                                       |         |             |     | 1.9         | 4,7                   |
|                  | W                       | 1,0            |         | . 2           |         |         |         |         |                                       |         |             |     | 2,2         | 4.1                   |
|                  | WNW                     | •              |         | . 4           |         | . 1     |         |         |                                       |         |             |     | 2,3         | 5,6                   |
|                  | NW                      | 1,0            |         |               | • 9     | .6      |         | -1      |                                       |         |             |     | 9,8         | 7.8                   |
|                  | NNW                     | 1.7            |         | 7.0           | 4.0     | 2.1     | 1.2     | . 3     |                                       |         |             |     | 20,2        | 10.7                  |
|                  | VARRI                   | 11             | 1       | ı             | 1       |         |         | l i     |                                       | Į.      | 1           |     |             | 2 7                   |

TOTAL NUMBER OF OBSERVATIONS 1637

100.0

USAFETAC FORM 0-8-5 (OL-A" PREVIOUS EDITION, OF THIS FORM ARE GASOLETE

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2

P-10-----

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TUK             | YU IAP .        | JAPAN/        | -ONSHU                 |               |         | 47       | -60,67        | 169-72  |  |              |               |       | APR               |
|---------|-----------------|-----------------|---------------|------------------------|---------------|---------|----------|---------------|---------|--|--------------|---------------|-------|-------------------|
| STATION |                 |                 | STATION       | HAME                   |               |         | <u> </u> |               | 7       | EARS   |              |               |       | NTH               |
|         |                 |                 |               |                        |               | ALL W   | EATHER   |               |         |  |              |               | 0900  | 0-1100            |
|         |                 |                 |               |                        |               | CL      | A SS     |               |         |  |              |               | HOURS | (L S T.)          |
|         |                 |                 |               |                        |               |         |          |               |         |  |              |               |       |                   |
|         |                 |                 |               |                        |               | CONI    | NOITION  |               |         |  |              |               |       |                   |
|         |                 |                 |               |                        |               |         |          |               |         |  |              |               |       |                   |
|         |                 |                 |               |                        |               |         |          |               |         |  |              |               |       |                   |
|         |                 | <del>11</del>   | <del></del>   | r                      |               |         |          | <del></del> - |         |  |              |               |       |                   |
|         | SPEED<br>(KNTS) | 1.3             | 4.6           | 7 - 10                 | 11 - 16       | 17 - 21 | 22 - 27  | 28 - 33       | 34 - 40 | 41 - 47  | 48 - 55      | ≥56           | *     | MEAN<br>WIND      |
|         | DIR             | '-3             | 4.0           | 7.10                   | 11 . 18       | " - 21  | 22.27    | 28 - 33       | 34 - 40 | 41 · 4/  | 45 . 33      | 230           | ~     | SPEED             |
|         | N               | .5              | 2.9           | 4.7                    | 5.2           | 1.8     | •6       | • 1           |         |  | <del> </del> |               | 15.7  | 11.1              |
|         | NNE             | -               | 2.8           | 5.5                    | 3.4           | .7      |          |               |         | <del></del>                                      | <del> </del> |               | 13.0  | 9,3               |
|         | NE              | 1.0             | 3.7           | 4.6                    | 1.8           | .7      |          |               |         |  | <del> </del> |               | 11.8  | 8.2               |
|         | ENE             | .2              | 3.3           | 2.6                    | 1.5           | . 2     |          |               |         |  | <del></del>  |               | 7.8   | 7.8               |
|         | E               | 7               | 3.9           | 3.3                    | 1.2           | - • •   |          |               |         |  |              |               | 8.1   | 4                 |
|         | ESE             | . 2             | 1.3           | 1.4                    | .4            |         |          |               |         |  |              |               | 3.3   | 6,4<br>7,0        |
|         | SE              | .4              | .8            | 1.5                    | .2            | .1      |          |               |         |  |              |               | 3.0   | 7.3               |
|         | SSE             | .5              | 1.4           | 1.9                    | 1,2           | . 2     | • 1      |               |         |  |              |               | 5.2   | 8.6               |
|         | 5               | .2              | .5            | 2.1                    | 4.1           | 1.4     |          | 1             |         | <del> </del>                                     | <del> </del> |               | 8.9   | <u>j3.4</u>       |
|         | ssw             | - <del></del>   |               | . 8                    | 1.9           | 1.2     |          | • 2           |         | <del> </del>                                     | <del> </del> |               | 5.1   | 16.5              |
|         | SW              | <del> </del> •- | • 1           | . 2                    | - 3           | . 6     |          |               |         | <del> </del>                                     |              |               | 1.5   | 16.0              |
|         | WSW             | <del>   </del>  |               |                        |               |         |          |               |         | <del> </del>                                     | <del> </del> | <del>  </del> |       | 1010              |
|         | W               | <del> </del>    | . 2           |                        |               |         |          |               |         |  | <del> </del> | <del></del>   |       | 5.0               |
|         | WNW             | <del>  </del>   |               |                        |               |         |          |               |         | - <del></del>                                    | <del> </del> |               |       | 14.0              |
|         | NW NW           | •               | .2            | .8                     | 1.1           | - 4     | 5        | .1            |         | <del> </del>                                     |              | <del></del>   | 3.5   | 13.4              |
|         | NNW             | 13              | 1.0           | 2.5                    | 3.3           | 1.6     | 1.4      |               |         |  |              |               | 10.3  | 13.9              |
|         | VARBL           | 2               | <del>  </del> |                        |               |         |          |               |         | <del> </del>                                     |              |               | 1000  | 3.0               |
|         |                 | 1               | <b>- *</b>    | $\overline{}$          | $\overline{}$ |         |          | $\overline{}$ |         | <del>\                                    </del> |              |               | 1.9   | <del>2</del> .a.V |
|         | CALM            |                 | $\geq \leq$   | $\geq \leq \downarrow$ |               |         | $\sim$   | $\sim$        | $\sim$  |  |              |               | 1.9   |                   |

TOTAL NUMBER OF OBSERVATIONS 1650

100.0

10.2

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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43311 TUKYO IAP JAPAN/HONSHU

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

47-60,67,69-72

|                 | _           |   |             |               | ALL W       | EATPER      |             |          |         |             |     | 120   | 0 ≈ 1 (C.S.T. |
|-----------------|-------------|---|-------------|---------------|-------------|-------------|-------------|----------|---------|-------------|-----|-------|---------------|
|                 |             |   | <del></del> | . —- <u>-</u> | CON         | DITION      |             |          |         | <del></del> |     |       |               |
| SPEED<br>(KNTS) | 1 - 3       | 4 - 6                                   | 7 - 10      | 11 - 16       | 17 - 21     | 22 - 2/     | 28 - 33     | 34 - 40  | 41 - 47 | 48 - 55     | ≥56 | %     | ME            |
| DIR.            |             |   |             |               |             |             |             |          |         |             |     |       | \$PI          |
| N               | . 2         | .7                                      | 1.5         | 2.5           | 1.5         | 1.3         |             |          |         |             |     | 7.5   | 1             |
| NNE             | . 2         | 1.9                                     | 2.3         | 3.0           | . 5         | • 1         |             |          |         | 1           |     | 0.6   | 1             |
| NE              | -4          | 2.8                                     |             | 2.2           | . 5         | • 1         |             |          |         |             |     | 10.0  |               |
| ENE             | . 5         | 3.0                                     | 4.2         | 1.5           | - 1         |             |             |          |         |             |     | 9.4   |               |
| E               | . 5         | 3.1                                     | 5.0         |               |             |             |             |          |         |             |     | 9.6   |               |
| ESE             | . 4         | 1.9                                     |             | . 8           |             | 1           |             |          |         |             |     | 6.5   |               |
| SE              | . 2         | 1.8                                     |             | . 4           | 1           |             |             |          |         |             |     | 5.1   |               |
| SSE             | , 2         | 1.5                                     | 3.6         | 4.1           | . 7         |             |             |          |         |             |     | 10.5  | 1             |
| s               | , 2         |   | 3,3         | 7.7           | 2.9         |             | 1           |          |         |             |     | 16.0  | 1             |
| ssw             | . 1         | 1                                       | . 5         | 2.0           | 2,2         | 1.7         | .7          | 2        |         |             |     | 7.5   |               |
| sw              | . 1         | - 1                                     | 1           | , 4           | . 3         | • 2         | • 1         |          |         |             |     | 1.1   | 1             |
| wsw             | .1          | ا ۽ هي د د                              |             |               | . 1         |             |             |          |         |             |     | . 2   |               |
| w               | ÍÌ          |   | 1           | 1             |             |             |             |          |         |             |     |       |               |
| WNW             |             |   |             |               |             |             | 1           |          |         |             |     |       |               |
| NW              |             |   | 1           | 1             | . 2         |             |             |          |         |             |     | 1.5   | 1             |
| NNW             |             | . 5                                     | 1.2         | 1.9           | 1,2         | 1.1         |             |          |         |             |     | 6.1   | _1            |
| VARBL           |             | لــــــــــــــــــــــــــــــــــــــ |             |               | <u></u>     |             |             |          |         |             |     |       |               |
| CALM            | $\geq \leq$ | $\geq \leq$                             | ><          | $\geq \leq$   | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | ><      | $\geq <$    | ><  | • B   |               |
|                 | 3.0         | 18.6                                    | 31.8        | `7.7          | 10.3        | 6,7         | . 8         | . 2      |         |             |     | 100.0 | 1             |

TOTAL NUMBER OF OBSERVATIONS 1653

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1        | TOKY                    | I IAP       | JAPAN/      |             |             | <u></u> -   | 47          | <u>-60,67</u> | ,69-72  | £ARS     |             |     |       | PR                    |
|----------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------|----------|-------------|-----|-------|-----------------------|
| •        |                         |             |             |             |             | ALL W       | EATHER      |               | ·       |          | _           |     | 1500  | 0-1700<br>(L 5 T.)    |
|          |                         |             |             |             |             | сон         | DITION      |               |         |          | <del></del> |     |       |                       |
|          | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33       | 34 - 40 | 41 - 47  | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|          | N                       | . 1         | .9          | 1.3         | 1.6         | 1.3         | . 9         | . 2           |         |          |             |     | 6.2   | 14.3                  |
|          | NNE                     | . 2         | .5          | 1.2         | 2.0         | 1.0         | • 1         |               |         |          |             |     | 5.C   | 12.3                  |
|          | NE                      | .5          | 1.3         | 2.1         | 2,8         | .7          |             |               |         |          |             |     | 7.4   | 10.5                  |
|          | 3143                    | . 0         | .7          | 2.0         | 2.5         | . 3         |             |               |         |          |             |     | 5.2   | 10.0                  |
|          | E                       | . 2         | 1.8         | 2.9         | 2.2         | . 1         |             |               |         |          |             |     | 7.3   | 9.1                   |
|          | ESE                     | . 2         | . 9         | 3.1         | 2.2         | • 1         | • 1         | . 1           |         |          |             |     | 6.6   | 9.8                   |
|          | SE                      | . 5         | 1.1         | 2.5         | .7          | , 1         |             |               |         |          |             |     | 4.9   | 7.8                   |
|          | SSE                     | , 4         | 1.4         | 4.7         | 2.7         | , 9         | . 2         | • 1           |         |          |             |     | 10.5  | 10.6                  |
|          | S                       | , 3         | 1.6         | 5.9         | 11.1        | 3,7         | 1.4         | . 1           |         |          |             |     | 24.1  | 13.1                  |
| L.       | ssw                     | . 1         |             | 1.5         | 4.0         | 2,8         |             | . 7           | 1       | 1        |             |     | 11.3  | 16.5                  |
|          | sw                      | - 1         | 2           | . 3         | 5           | , 4         | 1           | . 1           | 1       |          |             |     | 1.8   | 15.6                  |
| L        | WSW                     |             | 1           |             | 1           | . 1         | 1           |               |         |          |             |     | . 2   | 15.0                  |
|          | w                       |             |             |             |             |             |             |               |         |          |             |     | 1     | 24,5                  |
| <u> </u> | WNW                     |             | 1           |             | 1           |             |             |               |         |          |             |     | 4     | 11.6                  |
| <u> </u> | NW                      | المفـــــ   | 1           | 3           | 6           | 4           | 1           | 1             |         |          |             |     | 1.4   | 14.2                  |
| <u> </u> | NNW                     | 2           | . 2         | 8           | 1.5         | 1.4         | . 9         | . 1           | 1       |          |             |     | 5.2   | 16.4                  |
| <u> </u> | VARBL                   |             | الو         |             |             |             |             |               |         |          |             |     | 1     | 3.5                   |
|          | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$   | ><      | $\geq <$ | ><          | > < | 1.2   |                       |
|          |                         | 3,5         | 11.6        | 28.8        | 34.3        | 13.3        | 5.8         | 1.4           | . 2     | . 1      |             |     | 100.0 | 12.2                  |

USAFETAC FORM AL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLITE

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## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

|          |                 |        |         |                 | (FROM   | HOUKLI  | OBSEK        | MIIONS  | ")      |  |         |     |       |              |
|----------|-----------------|--------|---------|-----------------|---------|---------|--------------|---------|---------|--|---------|-----|-------|--------------|
| 43311    | TOKY            | MAI DY | JAPAN/  |                 |         |         | 47           | -60,67  | 169-72  |  |         |     |       | APR          |
| NOI ZATS |                 |        | STATION | NAME            |         |         |              |         | 1       | EARP                                   |         |     | М     | ORTH         |
|          |                 | _      |         |                 |         | ALL W   | EATHER       |         |         |  |         |     | 1800  | 0-2000       |
|          |                 |        |         | _               |         | c       | LA 33        |         |         |  |         |     | NOURS | (L S T.)     |
|          |                 | _      |         | - <del></del> - |         |         |              |         |         |  |         |     |       |              |
|          |                 |        |         |                 |         | COX     | DITION       |         |         |  |         |     |       |              |
|          |                 | -      |         |                 |         |         |              |         |         |  |         |     |       |              |
|          |                 |        |         |                 |         |         |              |         |         |  |         |     |       |              |
|          |                 |        |         |                 |         |         |              |         |         |  |         |     |       |              |
|          | SPEED<br>(KNTS) | 1.3    | 4.6     | 7 - 10          | 11 - 16 | 17 - 21 | 22 - 27      | 28 - 33 | 34 - 40 | 41 - 47                                | 48 - 55 | ≥56 | %     | MEAN<br>WIND |
|          | DIR.            |        |         |                 |         |         |              | 30 * 00 | 04 1 40 | 4, 1, 4,                               | 1       |     | ~     | SPEED        |
|          | N               |        | .2      | 1.8             |         | 2.4     | 1.0          | .1      | .1      |  |         |     | 8.0   | 15.2         |
|          | NNE             |        |         | 1.4             |         | 1.0     |              |         |         |  |         |     | 5.5   | 12.4         |
|          | NE              |        | 1.0     |                 | 2.0     | .6      | . 2          |         |         |  |         |     | 6.1   | 10,9         |
|          | ENE             | . 2    | .7      | 2.1             | 2.7     | . 2     |              |         |         |  |         |     | 5,9   | 10,5         |
|          | E               |        | 1.0     | 1.1             | 2.5     | 1       |              |         |         |  |         |     | 4.9   | 10.0         |
|          | ESE             | . 4    | . 9     | 2.1             | 2.2     | 1       |              |         |         |  |         |     | 5.7   | 9.6          |
|          | SE              | . 4    | .9      | 2.2             |         |         |              |         |         |  |         |     | 5,2   | 9.1          |
|          | SSE             | . 3    | 1.4     | 3.1             | 2.6     |         | 1            |         |         |  |         |     | 7.8   | 9,5          |
|          | 5               | . :    |         | 6               | 6.9     | 1.8     | .4           |         |         |  |         |     | 17.1  | 11.5         |
|          | SSW             | . 1    | 1.3     | 3,3             | 6,6     |         | 1.2          | .3      | . 2     |  |         |     | 16.4  | 14.2         |
|          | sw              |        | . 4     | . 5             | .7      | . 2     | . 4          | • 1     |         |  |         |     | 2.7   | 11.8         |
|          | WSW             |        | .4      | .4              | •1      |         |              |         |         |  |         | ļ.  | 1.1   | 5.8          |
|          | w               |        |         | 5               |         |         |              |         |         |  | i       |     | 1.1   | 6.0          |
|          | WNW             |        |         | . 2             | . 4     |         |              |         |         |  |         |     | 1.3   | 8,4          |
|          | NW              | . 1    | . 8     | . 7             | . 5     | . 3     | • 1          |         |         | ······································ | T       |     | 2.6   | 10.5         |
|          | NNW             | .1     | 2       | .7              | 2.3     |         |              | • 1     |         |  |         |     | 6.0   | 15,6         |
|          |                 |        |         |                 |         |         | <del> </del> |         |         |  | 1       |     |       |              |

TOTAL NUMBER OF OBSERVATIONS 1656

2.6

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS POITIONS OF THIS FORM ARE OBSOLUTE

### SURFACE WINDS

TUTAL NUMBER OF OBSERVATIONS 1648

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOK                     | YU TAP      | JAPAN/      | -ONSHU      |             |             | 47          | -60,67      | 164-72      | EARS        |             |             |      | APR                   |
|---------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|-----------------------|
| FIRTION |                         | -           |             |             |             | ALL W       | EATHER      |             |             |             |             |             |      | 0=2300                |
|         |                         | -           |             |             |             | CON         | DITION      |             |             |             |             |             |      |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | %    | MEAN<br>WIND<br>SPEED |
| ſ       | N                       | . 2         | 1.2         | 2.1         | 3.9         | 2.2         | • 8         | • 1         | . 1         |             |             |             | 10.6 | 13.6<br>10.3          |
| {       | NNE                     | . 5         |             | 3.6         | 2.5         | 1.0         |             |             |             |             |             | i           | 9.3  | 10.3                  |
| (       | NE                      | . 2         | 1.5         | 3.3         | 1.8         | 1           |             |             |             |             |             |             | 6,9  | 9.1                   |
| ſ       | ENÉ                     | . 2         | 1.0         | 2.0         | 1.9         | . 1         |             |             |             |             | _ `         |             | 5.3  |                       |
| 1       | E                       | 8           |             | 1.8         |             |             |             |             |             |             |             | 1           | 4.9  | 7.7                   |
| [       | ESE                     | .4          | .7          | 1.7         | . 5         |             |             |             |             |             |             |             | 3.2  | 8.0                   |
| [       | SE                      | . 5         | 1.3         | 1.8         | . 4         |             |             |             |             |             |             |             | 4.0  | 8.0<br>7.0            |
| [       | SSE                     | .7          |             | 2.9         | 1.1         | . 1         | • 1         |             |             |             |             |             | 6.9  | 3,0                   |
| į.      | S                       | , 5         | 1.9         | 3,9         | 3.6         | . 7         |             | . 2         | 1           |             |             |             | 11.1 | 10.5                  |
| (       | ssw                     | , 2         |             | 3.1         | 4.7         | 1,8         | 1           | . 4         | 1           |             |             |             | 12.4 | 13.9                  |
| 1       | S'¥                     | 2           |             | 8           | . 8         | 3           |             |             |             |             | L           |             | 2.7  | 9.9<br>5.7            |
| 1       | WSW                     | 3           |             | 4           | 1           |             |             |             |             |             |             |             | 1.5  | 5.7                   |
| 1       | w                       | <u> </u>    |             |             |             |             |             |             |             |             |             |             | 1.5  | 4.8                   |
| j       | WNW                     | 7           | ٧           | 3           |             |             |             |             |             |             |             | <u> </u>    | 1.9  | 4.5<br>9.8            |
| 1       | NW                      |             |             | 1.6         |             | 4           |             |             |             |             | <u> </u>    |             | 4.4  | 9.8                   |
| 1       | NNW                     | 1           | 1.0         |             | 2.6         | 1.2         | - 4         | 2           |             |             | <u> </u>    | <u> </u>    | 8.8  | 12.4                  |
| 1       | VARBL                   | لفسيا       |             |             |             |             |             | ļ           | ·           |             |             |             |      | 2.0                   |
|         | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 4.6  |                       |
| L L     |                         | 4.4         | امصدا       | ام م م      |             |             |             | _           |             |             | l .         |             |      | لم م                  |

USAFETAC FORM 0-8-5 .OL-A+ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 3311<br>STATION | TOK                     | YU LAP   | JAPAN/   |        |         |            | 47       | -60,67   | ,69-72  | EARS    |         | <del></del> |       | M & Y                 |
|-----------------|-------------------------|----------|----------|--------|---------|------------|----------|----------|---------|---------|---------|-------------|-------|-----------------------|
|                 |                         | _        |          |        | , .     |            | EATHER   |          |         |         | _       |             | 000   | 0=020L                |
|                 |                         |          |          |        |         | COND       | ITION    |          |         |         |         |             |       |                       |
|                 | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6      | 7 - 10 | 11 - 16 | 17 - 21    | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55 | ≥56         | *     | MEAN<br>WIND<br>SPEED |
|                 | N                       | .5       | 1.9      | 3.8    | 3.1     | 1.4        | • 1      | . 1      |         |         |         | i i         | 10.9  | 10.7                  |
|                 | NNE                     | .4       | 1.5      | 3.5    | 2.5     | . 9        | • 1      | i        |         |         |         |             | 8.8   | 9,9                   |
|                 | NE                      | ٤.       | 1.3      | 2.8    | 1.6     | . 1        |          | • 1      |         |         |         |             | 6.4   | 9.0                   |
|                 | ENE                     | . 3      | 1.4      | 2.0    | 1.0     | . 1        |          |          |         |         |         |             | 4,8   |                       |
|                 | E                       | .3       | 2.2      | 1.6    | . 8     | . 1        |          |          |         |         |         |             | 5.0   | 7,3                   |
| j               | ESE                     | الا ا    | 1.0      | . 9    | -3      |            |          |          |         |         |         |             | 3.    | 6.3                   |
|                 | SE                      | 1.0      | 1.1      | .8     | . 3     | <u>. 1</u> |          |          |         |         |         |             | 3.3   | 6,3                   |
|                 | SSE                     | . 4      | 1.6      | 1.8    | . 6     | , <u>ā</u> | • 1      | ,<br>!   |         |         |         |             | 4.7   | 8.0                   |
|                 | \$                      | .5       | 1,5      | 4.4    | 3.8     | , 8        | - 1      |          |         |         | Ĭ       | 1           | 11.1  | 10.4                  |
|                 | SSW                     | , 6      | 1.9      | 2,9    | 2.6     | 1.0        | .3       | . 1      | ?       |         |         |             | 9.5   | 10.8                  |
|                 | sw                      | 1.0      | 1.6      | 1.0    | . 4     | . 2        |          |          |         |         |         |             | 4.2   | 6,3                   |
|                 | WSW                     | 1.4      | 1.7      | 5      | _, 2    |            |          |          |         |         |         |             | 3,8   | 6 . 3<br>4 . 9        |
|                 | w                       | 2,1      | 2.0      | .6     |         |            |          |          |         |         |         |             | 3.8   | 4,6                   |
|                 | WWW                     | . 9      | 2.0      | .6     | .2      |            |          |          |         |         |         |             | 3.7   | 5.1                   |
|                 | NW                      | 9        | 1.1      | 1.1    | . 7     | . 1        | • 2      | . 1      |         |         |         | 1           | 4.1   | 8.1                   |
|                 | NNW                     | .6       | 1.2      | 3.0    | 2.0     | , 3        |          | • 1      |         |         |         |             | 7.6   | 9,8                   |
|                 | VARBL                   | , 1      |          |        |         |            |          |          |         |         |         |             | 1     | 2,5                   |
|                 | CALM                    | $\times$ | $\geq <$ |        | ><      | $\geq$     | $\geq <$ | $\times$ | $\geq$  | $\geq$  | ><      | ><          | 5.1   |                       |
|                 |                         | 11.0     | 25.5     | 32.4   | 20.1    | 5,2        | 1.2      | . 4      | .1      |         |         |             | 100.0 | 8.2                   |

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS COITIONS OF THIS FORM ARE OBNOCETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | 16K40 TWE AWEN/EDW2HO 4/=00/01/04-15 |     |                   |        |         |             |               |             |         |         |          |     |          | MAY        |
|---------|--------------------------------------|-----|-------------------|--------|---------|-------------|---------------|-------------|---------|---------|----------|-----|----------|------------|
| STATION |                                      |     | STATION           | MAME   |         |             |               |             | 1       | TEARS   |          |     |          | NTKO       |
|         |                                      |     |                   |        |         | ALL W       | <u>EATHFR</u> |             |         |         |          |     | 0300     | 0-0500     |
|         |                                      |     |                   |        |         | cı          | A88           |             |         |         |          |     | HOURS    | (L S T.)   |
|         |                                      |     |                   |        |         | ****        | DITION        | <del></del> |         |         |          |     |          |            |
|         |                                      |     |                   |        |         | CONI        | DITION        |             |         |         |          |     |          |            |
|         |                                      |     |                   |        |         | <del></del> |               |             |         |         |          |     |          |            |
|         |                                      |     |                   |        |         |             |               |             |         |         |          |     |          |            |
|         | SPEED                                | 1   | ľ                 | 1      |         |             |               |             |         |         |          |     | <u> </u> |            |
|         | (KNTS)                               | 1.3 | 4 - 6             | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27       | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55  | ≥56 | , %      | MEAN       |
|         | DIR                                  |     | i                 |        | į       |             | ļ             |             |         |         |          |     |          | SPEED      |
|         | N                                    | .8  | 3.2               | 4.8    | 3.0     | 1.7         | • 3           |             |         |         |          |     | 13.8     | 9.7        |
|         | NNE                                  | .5  | 1.5               | 3.5    | 3.3     | .7          | • 2           |             |         |         | 1        |     | 9.6      | 10.1       |
|         | NE                                   | .6  | 1.8               | 2.1    | 1.6     | . 3         | • 1           |             |         |         |          |     | 6.4      | 8.8        |
|         | ENE                                  | . 4 | 1.3               | 1.1    | .7      | . 4         | •1            |             |         |         |          |     | 3.9      | 9.0        |
|         | E                                    | .6  | 1.5               | 1,9    | .6      |             |               |             |         |         |          |     | 4.6      |            |
|         | ESE                                  | .3  | . 5               | 1.7    | , 2     | . 1         | . 1           |             |         |         |          |     | 2.9      | 8.0<br>8.9 |
|         | SE                                   | . 1 | . 5               | . 8    | • 1     | , 1         | • 2           |             |         |         |          |     | 1.7      | 8.9        |
|         | SSE                                  | , 2 | 1.1               | 1.1    | . 4     |             |               |             |         |         |          |     | 2.8      | 7.2        |
|         | S                                    | , 4 | . 8               | 1.5    | 2.1     | . 8         | , 2           |             |         |         |          |     | 5.8      | 11.3       |
|         | SSW                                  | . 2 | . 8               | 1.6    | 2,0     | . 8         | . 3           | • 1         |         |         |          |     | 5.8      | 11.8       |
|         | sw                                   | . 4 | 1.1               | . 5    | . 2     | . 1         |               | • 1         |         |         |          |     | 2.3      | 7,1        |
|         | wsw                                  | 1,4 | 1.5               | , 4    | اذو     |             | • 1           |             |         |         |          |     | 3.4      | 4.9        |
|         | w                                    | 2,3 | 2.7               | . 2    | - 1     |             |               |             |         |         |          |     | 5.2      | 3,9        |
|         | WNW                                  | 2,2 | 3.3               | , 6    | 1       |             |               |             |         |         | <u> </u> |     | 6.2      | 4.4        |
|         | NW                                   | 1,8 | 4.0               | 1.6    | 1       | . 2         | 1             |             |         |         |          |     | 7.8      | 5.6        |
|         | NNW                                  | . 8 | 2.7               | 3.7    | 2.4     | . 5         | ,6            | • 1         |         |         |          |     | 10.7     | 9.7        |
|         | VARBL                                | •1  | $\longrightarrow$ |        |         |             |               |             |         |         |          |     | 1        | 2.0        |
|         |                                      |     |                   |        |         |             |               |             |         |         |          |     |          |            |

TOTAL NUMBER OF OBSERVATIONS 1708

100.0

7.81

USAFETAC  $^{\rm FORM}_{
m JUL~64}$  0-8-5 (OI.-A.) Previous editions of this form are obsolete

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 3311    | TOK'                    | YU IAP | JAPANA      | -UNSHU        |             |                | 47      | 60,67   | <u>,69-72</u> | EARS    |         |                                       |       | M A Y                 |
|---------|-------------------------|--------|-------------|---------------|-------------|----------------|---------|---------|---------------|---------|---------|---------------------------------------|-------|-----------------------|
| STATION |                         |        | BIATION     |               |             | ALL W          | EATHER  |         | ,             | LARS    |         |                                       |       |                       |
|         |                         |        |             |               |             | CL             | A35     |         |               |         |         |                                       | HOURS | 0.40800<br>(L.5.T.)   |
|         |                         |        |             |               |             | CON            | DITION  |         |               |         |         |                                       |       |                       |
|         |                         |        |             |               |             |                |         |         |               |         |         |                                       |       |                       |
|         |                         | _      | -           |               |             |                |         |         |               |         |         |                                       |       |                       |
| ı       |                         | 1      | <del></del> | <del></del> - |             | · <sub>1</sub> |         |         |               |         |         | · · · · · · · · · · · · · · · · · · · |       |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4-6         | 7 - 10        | 11 - 16     | 17 - 21        | 22 - 27 | 28 - 33 | 34 - 40       | 41 - 47 | 48 - 55 | ≥56                                   | *     | MEAN<br>WIND<br>SPEED |
|         | N                       | 1,6    | 3.6         | 5.6           | 3.6         | 1.6            | • 4     | 1       |               |         |         |                                       | 16.4  | 9,6                   |
| ı       | NNE                     | . 9    | 2.9         | 3.3           | 3.0         | 1.2            | • 2     | • 1     |               |         |         |                                       | 11.7  | 9,9                   |
|         | NE                      | . 8    | 2.7         | 2.5           | 2.1         | , 5            |         |         |               |         |         |                                       | 8.6   | 8.4<br>7.1<br>6.1     |
|         | ENE                     | . 8    | 1.6         | 1.6           | . 6         | . 2            |         |         |               |         |         |                                       | 5.0   | 7.                    |
|         | Ę                       | , 6    | 2.2         | 1.5           | ,5          | . 1            |         |         |               |         |         |                                       | 4,8   | 6,1                   |
|         | ESE                     | . 5    | . 8         | 1.2           | . 4         | . 1            | • 1     |         |               |         |         |                                       | 3.0   | 8,6                   |
|         | SE                      | 1      | .6          | 1,0           | <u>, i</u>  | . 1            |         |         |               |         |         |                                       | 1.8   | 7,6                   |
|         | SSE                     | 4      | 1.1         | 1.0           | . 4         | لا م           |         | . 1     |               |         |         |                                       | 3.0   | 8.0                   |
|         | 5                       | . 4    | . 4         | 1.9           | 1.5         | , 9            |         | . 1     |               |         |         |                                       | 5.7   | 11.8                  |
|         | ssw                     | .3     | .6          | 1.1           | 2.0         | 1,1            | , 4     |         |               |         |         |                                       | 5,4   | 8.0<br>11.8<br>13.1   |
|         | sw                      | .11    | . 2         | .5            | . 4         | , 2            | . 2     |         |               | l       |         |                                       |       | 9,3                   |
|         | WSW                     | . 6    | ć           | . 1           |             |                |         |         |               |         |         |                                       | 1.4   | 9,3                   |
|         | · ·                     |        | 1.d         | . 1           |             |                |         |         |               |         |         |                                       | 1.9   | 4.0                   |
|         | WN ·                    | 1.1    | 1.2         | . 2           | . 1         |                |         |         |               |         |         |                                       | 2.6   | 4.6                   |
|         | NW                      | 2.2    | 2.3         | 1.2           | . 7         | . 5            | 1       | . 1     |               | i       |         |                                       | 7.1   | 7.1                   |
|         | NNW                     | 1.1    | 3.3         | 3.6           | 1.9         | . 8            | . 7     |         |               |         |         |                                       | 11.4  | 9.2                   |
|         | VARBL                   | . 4    | . 1         |               |             |                |         |         |               |         |         |                                       |       | 2.5                   |
|         | CALM                    |        |             | $\geq <$      | $\geq \leq$ | $\geq$         |         | $\geq$  | $\geq$        |         |         |                                       | 7.4   |                       |
|         |                         | 13.1   | 25.5        | 26.4          | 17.5        | 7.4            | 2.4     | . 4     |               |         |         |                                       | 100.0 | 8.7                   |

USAFETAC  $\frac{\text{form}}{\text{jut}} \frac{\text{0-8-5}}{\text{(OL-A)}}$  previous editions of this form are obsolute

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKY ! IAP JAPAN/HONSHU | 47-60,67,69-72 | YAY          |
|---------|-------------------------|----------------|--------------|
| STATION | STATION HAME            | YEARS          | Монти        |
|         |                         | ALL WEATHER    | 0900-1100    |
|         |                         | CLASS          | HOURS (LST.) |
|         |                         |                |              |
|         |                         | CONDITION      |              |
|         |                         |                |              |
|         |                         |                |              |
|         |                         |                |              |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 · 6       | 7 - 10 | 11 - 16     | 17 - 21  | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47  | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|--------|-------------|----------|---------|-------------|---------|----------|-------------|-----|-------|-----------------------|
| N                       | . 7         | 1.0         | 2.2    | 2.5         | 1.2      | • 2     | •1          |         |          |             |     | 7.8   | 11.3                  |
| NNE                     | . 7         | 2.1         | 3.3    | 2.7         | .6       | • 1     |             |         |          |             |     | 9.6   | 9,6                   |
| NE                      | 1.3         | 4.6         | 4,3    | 2.7         | 5        | • 1     |             |         |          |             |     | 13.4  | 8.2                   |
| ENE                     | . 7         | 3.8         | 3,8    | 1.7         | . 2      | . 2     |             |         |          | Ĭ           |     | 10.5  | 8.                    |
| ε                       | 8           | 4.1         | 4.5    | 1.2         |          |         |             |         |          | <u> </u>    |     | 10.6  | 7.7                   |
| ESE                     | . 2         | 1.9         | 2.7    | 1.4         | . 3      |         |             |         |          |             |     | 6.5   | 8.8                   |
| SE                      | . 1         | 1.7         | 2,6    | . 2         |          | • 1     |             |         |          |             |     | 4.8   | 7.4                   |
| SSE                     | , 5         | 2,2         | 4,1    | 1.2         | , 2      | . 1     |             |         |          |             |     | 8.2   | 8.2                   |
| S                       | . 4         | 1.6         | 3.7    | 5.2         | 1.0      | . 2     | . 2         |         |          |             |     | 12.4  | 11.4                  |
| ssw                     | . 1         | . 3         | 1.0    |             |          | 7       | .2          | . 1     |          |             |     | 6.2   | 16.2                  |
| sw                      | . 1         | . 2         | . 2    | . 2         | . 4      | • 1     | .1          |         |          |             |     | 1.2   | 14.4                  |
| wsw                     | 1           |             | 1      |             |          |         |             |         |          |             |     | 1     | 5.                    |
| w                       |             |             |        |             |          |         |             |         |          |             |     |       |                       |
| WNW                     |             | . 2         | 1      |             |          |         |             |         |          |             |     | . 4   | 8.6                   |
| NW                      | 2           | 1           | 4      |             | 3        | - 1     |             |         |          |             |     | 2.0   |                       |
| NNW                     | 3           | 1           | 1.5    | 1.6         | . 8      | . 3     | • 1         |         |          |             |     | 4.4   | 13.4                  |
| VARBL                   | 2           | 1           |        |             |          |         |             |         |          |             |     | . 3   |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | ><     | $\geq \leq$ | $\geq <$ | ><      | $\geq \leq$ |         | $\geq <$ | $\supset <$ |     | 1.8   |                       |
|                         | 6.0         | 24.0        | 34.4   | 23.3        | 7,5      | 2.1     | .7          | . 1     |          |             |     | 100.0 | 9.                    |

TOTAL NUMBER OF OBSERVATIONS 1722

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKYE 14P JAPAN/HUNSHU | 47=60,67,69=72<br>YEARS | HAY                      |
|------------------|------------------------|-------------------------|--------------------------|
|                  |                        | ALL WEATHER             | 1200=1400<br>HOURS (LST) |
|                  |                        | CONDITION               |                          |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40  | 41 - 47  | 48 - 55  | ≥56 | *     | MEAN<br>DAIW<br>SPE'.D |
|-------------------------|-------------|----------|--------|-------------|-------------|----------|-------------|----------|----------|----------|-----|-------|------------------------|
| N                       | . 2         | . 7      | 1.1    | 1.2         | . 9         | .2       |             |          |          |          |     | 4,3   | 11.                    |
| NNE                     | . 2         | 8        | 1.4    | 1.9         | . 6         | . 3      |             |          |          |          |     | 5,3   | 11.                    |
| NE                      | . 6         | 2.5      | 2.7    | 1.8         | . 6         |          | 1           |          |          |          |     | 8.2   | 8.                     |
| ENE                     | . 4         | 2.1      | 3,5    | 2.1         | . 4         | • 1      |             |          |          |          |     | P.4   | 9.                     |
| E                       | . 4         | 4.2      | 4,5    | 2.2         | 5           |          |             |          |          |          |     | 11.7  | 8.                     |
| ESE                     | . 1         | 2.6      | 4.5    | 1.8         | , 2         | • 2      |             |          |          |          |     | 9.3   | 8.                     |
| SE                      |             | 2.3      | 2,7    | .6          | . 1         | . 2      | 1           |          |          |          |     | 5.0   | 8.                     |
| SSE                     | . 2         | 2.4      | 4.6    | 5.2         | , 9         |          |             |          |          |          |     | 13.3  | 10.                    |
| s                       | . 1         | . 8      | _ 5.7  | 8.8         | 4.0         | 7        |             |          |          |          |     | 20.1  | 13.                    |
| ssw                     |             | 2        | 8      | 2.3         | 2,2         | 1.2      | , 5         | 1        |          |          |     | 7.4   | 17.                    |
| sw                      |             |          | . 4    | . 2         | 1           |          |             |          |          |          |     | . 9   | 13.                    |
| wsw                     |             | 1        | 1      |             |             |          |             | <u> </u> |          |          |     | 2     | 5.                     |
| w                       |             |          |        | 1           |             |          |             |          |          |          |     | 2     | 8.                     |
| WNW                     |             |          |        |             |             |          |             |          |          |          |     | 1     | 3.                     |
| NW                      | 1           | 1        | 1      | 3           | 2           | 1        |             |          |          | <u> </u> |     | . 9   | 12.                    |
| NNW                     |             | 2        | 7      | . 9         | . 5         | . 4      |             |          |          |          |     | 2.8   | 14.                    |
| VARBL                   | 1           |          |        |             |             |          |             |          |          |          |     | .1    | 3.                     |
| CALM                    | $\geq \leq$ | $\times$ | $\geq$ | $\geq \leq$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq$   | $\geq <$ |          |     | .9    |                        |
|                         | 2.7         | 19.1     | 32.7   | 29.6        | 11.0        | 3.2      | . 8         | . 1      |          |          |     | 100.0 | 10.                    |

TOTAL NUMBER OF OBSERVATIONS 1705

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311 | TUKY            | /U IAP |     | HUNSHU | <u> </u> |         | 47      | -60,67  |         | TEARS   |         |     |            | MAY     |
|-------|-----------------|--------|-----|--------|----------|---------|---------|---------|---------|---------|---------|-----|------------|---------|
|       |                 | -      |     |        |          |         | EATHER  |         |         |         |         |     | 15(<br>xou | 00-1700 |
|       |                 | -      |     |        |          | co      | MOITIQM |         |         |         |         |     |            |         |
| Γ     | SPEED<br>(KNTS) | 1 - 3  | 4.6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 4B · 55 | ≥56 | %          | MEAN    |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4.6  | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55      | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|------|----------|---------|---------|---------|----------|---------|---------|--------------|-----|-------|-----------------------|
| N                       | . 2   | . 3  | .6       | .9      | 1.0     | • 2     |          |         |         | <del> </del> | i   | 3.3   | 13.2                  |
| NNE                     | . 2   | . 6  | • 5      | 1.4     | . 7     | • 1     |          |         |         |              |     | 3.7   | 12.1                  |
| NE                      | .2    | . 8  |          | 2.2     | . 5     | .1      |          |         |         |              |     | 4.8   | 11.4                  |
| ENE                     | . 1   | . 7  | 2.2      | 2.5     | . 6     |         |          |         |         |              |     | 6.0   | 11.1                  |
| Ε                       | . 3   | 2.0  |          | 3,5     | .3      |         |          |         |         | i            |     | 9,9   | 9,5                   |
| ESE                     | . 3   | 1.1  |          | 3.7     | . 3     | . 2     |          |         |         |              |     | 9.1   | 10.4                  |
| SE                      | . 3   | 2.2  | 2.1      | 1.1     | .1      | 1       |          |         |         |              |     | 5.9   | 8.3                   |
| SSE                     | , 1   | 2.2  |          | 3,5     | ,6      | • 1     |          |         |         |              |     | 11.5  | 10.1                  |
| S                       | , 3   | 1.3  | 7.2      | 12.4    | 4,7     | 1.0     |          |         |         |              |     | 26.9  | 12.9                  |
| ssw                     | , 2   | .6   | 2.2      | 5.8     |         | 1.1     | , 3      |         |         |              |     | 12.6  | 14.4                  |
| sw                      | . 1   | . 2  | . 3      | , 5     | . 3     |         |          |         |         |              |     | 1.3   | 12.2                  |
| wsw                     |       | .1   | . 1      |         |         |         |          |         |         |              |     | . 2   | 5,7                   |
| w                       | . 1   | , 2  |          |         |         |         |          |         |         |              |     | 2     | 4,5                   |
| WNW                     |       |      | . 3      | 1       |         |         |          |         |         |              |     | . 3   | 9.2                   |
| NW                      |       | 3    | . 3      | . 2     | . 2     | _ 2     |          |         |         |              |     | 1.1   | 12.4                  |
| WNW                     | . 1   | . 3  | .6       | . 5     | .7      |         | • 1      |         |         |              |     | 2.5   | 13.8                  |
| VARBL                   |       | • 1  |          |         |         |         |          |         |         |              |     | . 1   | 4.0                   |
| CALM                    | ><    | ><   | $\times$ | ><      | $\geq$  | ><      | $\times$ |         | ><      |              |     | . 5   |                       |
|                         | 2.4   | 13.1 | 29.9     | 38.1    | 12,4    | 3.2     | , 4      |         |         |              |     | 100.C | 11.6                  |

TOTAL NUMBER OF OBSERVATIONS 1738

USAFETAC  $\frac{\text{form}}{\text{JUC 64}}$  0-8-5 (OL-A) previous editions of this form are obsolete

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOK                     | YU LAP   | JAPAN/      | -UNSHU      |             |             | 47       | -60,67      | 169-72      |             |  |           |       | мΔΥ                   |
|------------------|-------------------------|----------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|--|-----------|-------|-----------------------|
| STATION          |                         |          | STATION     | HAME        |             |             |          |             | ,           | EARS        |  |           |       | CHTH                  |
|                  |                         |          |             |             |             | ALL W       | EATHER   |             |             |             |  |           | _180  | <u>0=2000</u>         |
|                  |                         |          |             |             |             | Ct          |          |             |             |             |  |           | ROURS | (L S.T.)              |
|                  |                         |          |             |             | <del></del> | CON         | DITION   |             | <del></del> |             |  |           |       |                       |
|                  |                         |          | _           |             |             |             |          |             |             |             |  |           |       |                       |
|                  |                         |          |             |             |             |             |          |             |             |             |  |           |       |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27  | 28 - 33     | 34 40       | 41 - 47     | 48 - 55  | ≥56       | %     | MEAN<br>WIND<br>SPEED |
|                  | N                       | . 1      | - 4         | .8          | 1.2         | 1.4         | • 4      | • i         |             |             | <del>                                     </del> |           | 2,7   |                       |
|                  | NNE                     | . 2      | .5          | 1.4         | . 9         | . 8         | • 3      |             |             |             | 1  |           | 4.1   | 11.9                  |
|                  | NE                      | . 2      | .3          | 2.1         | 2.0         | . 4         | • 1      |             |             |             |  |           | 5.1   | 11.2                  |
|                  | ENE                     | . 2      | , 9         | 2.4         | 3.1         | .3          | • 2      |             |             |             |  |           | 6.9   | 10.8                  |
|                  | F                       | . 2      | 1.4         | 4.0         | 2.0         | 1           |          |             |             |             |  |           | 7.7   | 9.1                   |
|                  | ESE                     | . 3      | 1.3         | 3.5         | 2.6         | , 2         | • 1      |             |             |             | I  |           | 8.0   | 9,8                   |
|                  | SE                      | , 3      | 2.0         | 2.4         | 1.2         | . 1         | - 1      |             |             |             |  |           | 5.0   | 8.1                   |
|                  | SSE                     | . 1      | 2.7         | 3.2         | 3.4         | . 2         |          |             |             |             |  |           | 9.1   | 9,7                   |
|                  | S                       | , 4      | 2.8         | 7.9         | 10.9        | 2,5         |          |             |             |             |  |           | 25.1  | 9,8<br>8,1<br>9,7     |
|                  | ssw                     | . 2      | 1.5         | 3.4         | 5.4         | 2.3         | . 6      | . 2         | • 1         |             |  |           | 13.6  | 9.9                   |
|                  | sw                      | , 3      | . 5         | .6          | . 7         | . 2         | . 2      |             |             |             | L  |           | 2.5   | 9,9                   |
|                  | wsw                     | . 3      | .3          | . 1         | 1           |             |          |             |             |             |  |           |       | لل و ح                |
|                  | w                       | 3        | Ε,          | . 1         |             |             |          |             |             |             |  |           | . 7   | 3.8                   |
|                  | WNW                     |          | Ε.          | . 2         | 1           |             |          |             |             |             |  |           | . 6   | 6.6                   |
|                  | NW                      | . 2      | . 3         | . 4         | . 2         |             | . 1      |             |             |             |  |           | 1.1   | 8.1                   |
|                  | NNW                     | . 2      | . 3         | . 8         | 1.2         | , 2         | . 3      | 1           | 1           |             |  |           | 3.1   | 13.5                  |
|                  | VARBL                   |          |             |             |             |             |          |             |             |             |  |           |       |                       |
|                  | CALM                    | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq$      | $\geq \leq$ | $\geq <$   | ><        | 1.9   |                       |
|                  |                         | 3,6      | 15.3        | 33.1        | 34.7        | 8,4         | 2.5      | , 3         | . 2         |             |  |           | 100.0 | 10.6                  |
|                  |                         |          |             |             |             |             |          |             |             | TOTAL NU    | MBER OF OBS                                      | ERVATIONS |       | 1730                  |

USAFETAC FORM 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311 | TOKY                    | YO IAP      | JAPAN/      |             |             |             | 47          | 60,67       | 169-72      | YEARS       |             |           |  | М Д Y                  |
|-------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|--|------------------------|
|       |                         | ~           |             |             |             | ALL W       | EATHER      |             |             | ·           |             |           | 2100<br>HOURS  | 0=2300                 |
|       |                         |             |             |             |             | сон         | DITION      |             |             |             |             |           | \$ .8 6.7 6.8 5.9 6.6 4.6 6.0 7.6 12.2 3.5 2.0 1.2 1.3 3.4 |                        |
|       | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56       | *  | MEAN<br>WIN'D<br>SPEED |
| Ì     | N                       |             | . 5         | 1.5         | 2.7         | . 3         | • 3         | . 2         |             |             |             |           | 5.8  | 12.3                   |
| Ī     | NNE                     | . 2         | 1.3         | 2.0         | 2.3         | . 7         | • 2         |             |             |             |             |           | 6.7  | 10.8                   |
| [     | NE                      | . 1         | 6           | 3.7         | 1.7         | .6          | • 1         |             |             |             |             |           | 6.8  | 10,5                   |
| ĺ     | ENE                     |             | 1.2         | 2.8         | 1.6         | . 1         |             |             |             | i           |             |           |  | 9.3                    |
| 1     | E                       |             | 1.9         | 2.9         | 1.3         |             |             |             |             |             |             |           | 6.6  | 8.0                    |
| [     | tst                     | • 3         | 1.0         | 1.0         | , 15        | . 1         |             |             |             |             |             |           | 4.6  | 7,0                    |
| [     | SE                      | . 6         | 2.3         | 2.1         | . 8         | . 1         | • 1         |             |             | i           |             |           | 6.0  | 7,5                    |
| i     | SSE                     | •           | 2.2         | 2.8         | 1.2         | . 4         | . 3         |             |             |             |             |           | 7.6  | 7,0<br>7,5<br>8,9      |
| [     | S                       |             | 2.8         | 7.4         | 5.8         | 1.1         | • 2         |             |             |             |             |           |  | 10.1                   |
| Į.    | ssw                     | 1.0         | 1.7         | 2.8         |             | 1.5         | . 5         |             |             |             |             |           |  | 11,3                   |
| 1     | sw                      |             |             | 1.0         | .7          | . 3         |             |             |             | <u> </u>    | <u> </u>    |           |  | 8,3                    |
| j     | WSW                     |             |             | .6          | 1           |             |             |             |             | <u> </u>    |             | L         |  | 5 . 8                  |
| ļ     | w                       | •           | . 5         | 2           | 1           | ,<br>       |             |             |             |             |             |           |  | 5.1                    |
| ļ     | WNW                     |             |             | 4           |             |             |             |             |             |             |             |           |  | 5.2                    |
| ]     | NW                      |             |             | 1.0         |             |             |             |             |             |             |             |           |  | 8.1                    |
|       | NNW                     | • 3         | 1.0         | 1.8         | 1.0         | . 3         |             |             |             |             | <u> </u>    |           | 4.7  | 9.9                    |
| ļ     | VARBL                   |             | <u> </u>    |             |             |             |             |             |             |             | ļ           |           | <u>                                     </u>               | 3.0                    |
| į     | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |             | > <       | 3.7  |                        |
|       |                         | 7,1         | 21.1        | 34.8        | 25.5        | 5,6         | 1.9         | , 2         |             |             |             |           | 100.0  | 9.1                    |
|       |                         |             |             |             |             |             |             |             |             | TOTAL NULL  | ARER OF ORS | EDVATIONS |  |                        |

USAFETAC FORM 1-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAF | JAPAN/HONSHU | 47-60,6     | 7,69-72 | JUN            |
|---------|-----------|--------------|-------------|---------|----------------|
| STATION |           | STATION NAME |             | YEARS   | MONTH          |
|         |           |              | ALL WEATHER |         | 0000=0200      |
|         |           |              | CLASS       |         | HOURS (L S T ) |
|         |           |              |             |         |                |
|         |           |              | CONDITION   |         |                |
|         |           |              |             |         |                |
|         |           |              |             |         |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55     | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|--------|-------------|-------------|-------------|-------------|---------|-------------|---------|-------------|-------------|-------------|-------|-----------------------|
| N                       | . 5    | .7          | 3.1         | 2.6         | .6          |         |             | i       | 1           |             |             | 7.4   | 10,4                  |
| NNE                     | .2     | 1.9         |             | 4.1         | . 8         | • 1     |             |         |             |             |             | 11.9  |                       |
| NE                      | . 9    | 2.1         | 4.2         | 2.2         | . 4         |         |             |         |             |             |             | 9.8   | 8.6                   |
| ENE                     | . 2    | 1.3         | 2.2         | 1.5         | . 1         |         |             |         |             | [           | T           | 5,3   | 8.7                   |
| E                       | 1.2    | 1.3         | 1.0         | . 6         |             | • 1.    |             |         |             |             |             | 4,2   | 6,3                   |
| ESE                     | . 5    | 1.0         |             | . 1         |             |         |             |         |             |             |             | 3,0   |                       |
| \$E                     | .2     |             |             | . 3         | . 1         |         |             |         |             |             |             | 3.5   | 6,6                   |
| SSE                     | .6     | 1.8         |             | . 6         | . 1         |         | .1          |         |             |             |             | 4.9   | 7.5                   |
| S                       | . 8    | 3.4         |             | 2.2         | 6           |         |             |         |             |             |             | 11.6  |                       |
| SSW                     | . 5    | 2.1         | 2.8         | 4,3         | 1.0         | . 2     | . ).        |         |             |             |             | 10.9  | 10.8                  |
| sw                      | 1,1    | 6           | 1.2         | - 4         | . 1         |         |             |         |             |             |             | 3,6   |                       |
| WSW                     | 1,1    | 1.4         |             | 1           |             |         |             |         | <u> </u>    |             |             | 2.8   | 4,5                   |
| W                       | . 8    | 1.3         | 5           | 1           |             |         |             |         | <u> </u>    |             |             | 2.7   | 4,9                   |
| WNW                     | 1.0    | 1.2         | .4          | 1           |             |         |             |         |             |             | <u> </u>    | 2.7   | 4.6                   |
| NW                      | .6     | 1.3         |             | 6           | 1           | 1       |             |         |             |             |             | 4.1   | 7.8                   |
| NNW                     | .7     | 1.2         | 2.0         | 1.6         | . 4         | 1       |             |         |             |             |             | 6.0   | 4.4                   |
| VARBL                   |        |             |             |             |             |         |             |         |             |             |             | 3     | 3.0                   |
| CALM                    | $\geq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\sim$  | $\geq \leq$ | $\leq$  | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 5.4   |                       |
|                         | 11.1   | 24.6        | 32.7        | 21.3        | 4.1         | • 6     | . 2         |         |             |             |             | 100.0 | 8.0                   |

TOTAL NUMBER OF OBSERVATIONS 1619

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311                                   | TOKY                    | MI IAP | JAPAN /     | HONSHU |              |            | 47      | -60,67  | ,69-72  | TEARS   |             |     |              | JUN                   |
|---|-------------------------|--------|-------------|--------|--------------|------------|---------|---------|---------|---------|-------------|-----|--------------|-----------------------|
| *************************************** |                         |        |             |        |              | ALL W      | EATHER  |         |         |         |             |     | 0300         | 0=0500                |
|   |                         |        |             |        |              | cı         | ASS     |         |         |         |             |     | HOURS        | (LST)                 |
|   |                         |        | <del></del> |        |              | сон        | DITION  |         |         | ···     | <del></del> |     |              |                       |
|   |                         |        |             |        |              | - <u>-</u> |         |         | ·····   |         |             |     | <del>,</del> |                       |
| !                                       | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4-6         | 7 - 10 | 11 - 16      | 17 - 21    | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | *            | MEAN<br>WIND<br>SPEED |
| ,                                       | И                       | .8     | 2.2         | 4.1    | 4,0          | .6         |         |         |         |         |             |     | 11.7         | 9.3                   |
| !                                       | NNE                     | . 4    | 1.7         | 4.2    | ې <u>و ن</u> | . 9        | • 2     |         |         |         |             |     | 11.8         | 10.1                  |
|   | NE                      | . 7    | 2.4         | 3,     | 1 1          | . 1        |         |         |         |         |             |     | 8.1          | 7,8                   |
| 1                                       | ENE                     | . 4    | 1.8         | 1.7    | 1.4          | . 1        |         |         |         |         |             |     | 5.4          | 8.1                   |
| 1                                       | E                       | . 7    | 1.4         | , 8    | . 1          | . 1        |         |         |         |         |             |     | J.0          | 6.1                   |
|   | ESE                     | . 5    | • 7         | , 7    |              |            |         |         |         |         |             |     | 2.0          | 5.9                   |
| 1                                       | SE                      | , 4    | 1.1         | . 4    | 2            |            |         |         |         |         |             |     | 2.0          | 3.5                   |
| ļ                                       | SSE                     | .5     | , 9         | 6      | - 2          | 1          |         |         |         |         |             |     | 2.3          | 6.6                   |
| l l                                     | s                       | 1.1    | 2.4         | 1,6    |              | 7          | 2       |         |         |         |             |     | 8.3          | 9.3                   |
| 1                                       | ssw                     | 6      |             | 2.C    |              | , 6        | 2       | 2       |         |         | <b></b>     |     | 7.7          | 10.5                  |
| 1                                       | sw                      | 1,1    | .7          | . 9    | . 3          |            | 1       |         |         |         | <u> </u>    |     | 3.2          | 6.3                   |
| ,                                       | wsw                     | 1,1    | 1.4         | 1      |              |            |         |         |         |         | <u> </u>    |     | 2.5          | 4.2                   |
| I                                       | w                       | 1.8    | 2.6         | . 2    |              |            | 1       |         |         |         |             |     | 4.7          | 4.2                   |
| I                                       | WNW                     | 1.7    | 2.5         |        |              |            | 1       |         |         |         |             |     | 4.8          |                       |
| ļ                                       | NW                      | 1.1    | 2.8         | . 9    | 9            | 1          |         |         |         |         |             |     | 5.8          | 6.7                   |
|   | NNW                     | 1,2    | 2.7         | 2.9    | 1.9          | 8          | 1       |         |         |         |             |     | 9.5          | 8.8                   |

TOTAL NUMBER OF OBSERVATIONS 1612

USAFETAC FORM 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TUK             | VO TAP | JAPAN/      |        |         |         | 47        | -60,67  | 169-72   |         |               |              |             | JUN          |
|---------|-----------------|--------|-------------|--------|---------|---------|-----------|---------|----------|---------|---------------|--------------|-------------|--------------|
| STATION |                 |        | KOITATE     | RAME   |         |         |           |         |          | TEARS   |               |              |             | ONTH         |
|         |                 | _      |             |        |         |         | EATHER    |         |          |         |               |              |             | 0-0800       |
|         |                 |        |             |        |         | cı      | LASS      |         |          |         |               |              | HOURS       | (L # T.)     |
|         |                 | _      |             |        |         | CON     | DITION    |         |          |         |               |              |             |              |
|         |                 |        |             |        |         |         |           |         |          |         |               |              |             |              |
|         |                 | _      |             |        |         |         | · ·- ·- · |         |          |         | <del></del>   |              |             |              |
|         |                 |        | <del></del> |        |         |         |           |         |          |         | <del>,</del>  |              | <del></del> |              |
|         | SPEED<br>(KNTS) | 1 - 3  | 4-6         | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27   | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55       | ≥56          | <b> </b>    | MEAN<br>WIND |
|         | DIR,            | '      | "           | ,      | ""      | .,,     |           | 20 - 05 | 37.70    | 41 - 7/ | 10 - 33       |              | "           | SPEED        |
|         | N               | 1.4    |             | 4.4    |         | .6      | . 2       |         |          |         |               |              | 13.9        | 8.7          |
|         | NNE             | 1.0    | 3.0         | 5.1    | 3.7     | .6      | • 1       |         |          |         |               |              | 13.4        |              |
|         | NE              | 1,3    | 3.4         | 5.0    | 1.8     | . 4     | • 1       |         |          |         |               |              | 12.C        |              |
| İ       | ENE             | . (    | 2.3         | 1.7    | 1.2     | .1      |           |         |          |         |               |              | 5.9         | 7.5          |
|         | E               | . 9    |             | . 9    |         | 1       |           |         |          |         |               |              | 4.1         |              |
|         | ESE             |        | 1,3         | 7      |         |         |           |         |          |         |               |              | 2.8         | 5.2          |
|         | SE              | . 4    |             | . 3    | .1      |         | i i       | ******* | i        | i       | <del></del>   | <del> </del> | 1 1 4 2     |              |
|         | SSE             | . 6    | 1.6         | .6     |         | . 1     | • 1       |         | <u> </u> |         |               | i            | 3.4         | 6.7          |
|         | S               | 1 2    |             | 1 0    |         |         | . 2       |         | 1        |         | <del></del> - | -            | 4 1         | 10.3         |

|       | 11   | <u> </u> | L    | !        |        |            |        |    | l      |        |   | 1     |          |
|-------|------|----------|------|----------|--------|------------|--------|----|--------|--------|---|-------|----------|
| N     | 1.4  |          |      | 3.4      | . 6    | . 2        |        |    |        |        |   | 13.9  | 8,       |
| NNE   | 1.0  |          |      | 3.7      | .6     | • 1        |        |    |        |        |   | 13.4  | 9,       |
| NE    | 1.3  | 3.4      | 5.0  | 1.8      | . 4    | . 1        |        |    |        |        |   | 12.C  | 7,       |
| ENE   | . 6  | 2.3      |      | 1.2      | . 1    |            |        |    |        |        |   | 5.9   | 7,       |
| E     | , 9  | 1.8      |      | , 4      | . 1    |            |        |    |        |        |   | 4.1   | 6,       |
| ESE   | 7    | 1 2      | 7    | . 1      |        |            |        |    |        |        |   | 2.8   | 5,       |
| SE    | . 4  | .6       |      | . 1      |        | <b>i</b> i |        | i  | i      |        |   | 1.4   | Š.       |
| SSE   | 6    |          | .6   | _,4      | . 1    | • 1        |        |    |        |        |   | 3.4   | <u>5</u> |
| 5     | 1,2  | 1.1      | 1.0  |          | . 6    | . 2        | . 1    | .1 |        |        | i | 6.1   | 10.      |
| SSW   | . 4  | 1.2      | 1.1  | 1.9      |        | . 6        | • 1    |    |        |        |   | 6.1   | _ 11.    |
| sw    | . 8  |          | .6   | .2       | . 2    |            |        |    |        |        |   | 2.4   | 6        |
| wsw   | , 9  | .7       | 5.   | . 1      |        |            |        |    |        |        |   | 1.9   | 4        |
| w     | 1.4  | 1.2      | . 2  |          |        |            |        |    |        |        |   | 2.8   | 3        |
| WNW   | 8    | 1.0      | 4    |          |        |            |        |    |        |        |   | 2.2   | 4        |
| NW    | 1.4  | 1.4      | 1.2  | . 4      | 1      |            |        |    |        |        |   | 4.6   | 6        |
| NNW   | 9    | 3.2      | 2.6  | 2.3      | . 7    | •1         |        |    |        |        |   | 9.9   | 8        |
| VARBL | .2   |          |      |          |        |            |        |    |        |        |   | . 2   | 2        |
| CALM  |      | $\geq$   |      | $\geq <$ | $\geq$ | ><         | $\geq$ |    | $\geq$ | $\geq$ |   | 6.8   |          |
|       | 15.2 | 28.5     | 26.0 | 17.9     | 4.1    | 1.2        | . 1    | .1 |        | 1      |   | 100.0 | 7        |

TOTAL NUMBER OF OBSERVATIONS 1601

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TUKY                   | U IAP | JAPAN/  | ⊢ON\$HU |         |         | 47      | -60,67  | 169-72       | <u> </u> |         |     |       | JUN                   |
|---------|------------------------|-------|---------|---------|---------|---------|---------|---------|--------------|----------|---------|-----|-------|-----------------------|
| STATION |                        |       | STATION | HAME    |         |         |         |         |              | YEARS    |         |     |       | ONTH                  |
|         |                        | _     |         |         |         |         | EATHER  |         |              |          |         |     |       | 0-1100                |
|         |                        |       |         |         |         |         |         |         |              |          |         |     | HOURS | . (6 2 1)             |
|         |                        | -     |         |         |         | CON     | DITION  |         |              |          |         |     |       |                       |
|         |                        | _     |         |         |         |         |         |         |              |          |         |     |       |                       |
|         |                        |       |         |         |         |         |         |         |              |          |         |     |       |                       |
|         | SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4-6     | 7 - 10  | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40      | 41 - 47  | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|         | N                      |       | 1.4     | 3.2     | 2.7     | .8      | . 3     |         |              |          |         |     | 9.0   | 10.6                  |
|         | NNE                    |       | 2.9     | 3.5     |         |         | • 1     |         |              |          |         | i   | 10.1  | 9.2                   |
|         | NE                     | 1.3   | 4.3     | 5.0     |         |         | •1      |         |              |          |         |     | 13.4  |                       |
|         | ENE                    | . (   | 5.2     |         |         |         |         |         |              |          | i       |     | 10.3  |                       |
|         | <del> </del>           |       | 4       |         |         |         |         |         | <del>:</del> |          |         |     |       |                       |

| DIR   | 1.3      | 7.0  | 7.10 | 11 - 15     | 77 - 21 | 22 - 27     | 20 - 33     | 34 - 40 | 1        | 40.33  | 2.30 |       | SPEED |
|-------|----------|------|------|-------------|---------|-------------|-------------|---------|----------|--|------|-------|-------|
| N     | .6       | 1.4  | 3.2  | 2.7         | .8      | • 3         |             |         |          | <del>                                     </del> |      | 9.0   | 10.0  |
| NNE   | .5       | 2.9  |      |             | . 4     | • 1         |             |         |          |  |      | 10.1  | 9,3   |
| NE    | 1.3      | 4.3  |      |             | . 3     | • 1         |             |         |          |  |      | 13.4  | 7.1   |
| ENE   | . 8      | 5.2  |      |             |         |             |             |         |          |  |      | 10.3  | 6.0   |
| E     | . 7      | 6.1  |      | 5           |         |             |             |         |          |  |      | 10.9  |       |
| ESE   | Sis      | 3.:  | 2,3  |             |         |             |             |         |          | I -  |      | 5,9   |       |
| SE    | . 5      | 1.3  | 2.5  | 1           |         |             |             |         |          |  |      | 4.4   |       |
| SSE   | . 4      | 3.1  |      |             |         |             |             |         |          |  |      | 8.3   | 7,4   |
| S     | . 4      | 1.4  |      | 4.7         |         |             | . 2         |         |          |  |      | 11.3  | _11.5 |
| ssw   | , i      | . 3  | 1.0  | 1.5         | 1.4     |             | . 2         |         |          |  |      | 5.1   | 15.4  |
| sw    | <b>1</b> | . 2  | . 3  |             |         |             |             |         |          |  |      | . 7   | 8.    |
| WSW   | . 2      | 2    |      |             |         |             |             |         |          |  |      | . 6   |       |
| w     | 2        | . 3  | . 2  |             |         |             |             |         |          | <u> </u>   |      | 7     | 4.    |
| WNW   |          | 4    | 4    | 1           |         |             |             |         |          |  |      | ٩     | 6.    |
| NW    | 2        | 2    |      | . 4         | 1       |             |             | ļ       |          | ļ  |      | 1.4   | 9,    |
| NNW   | 2        | . 9  | 1.0  | 2.1         | 5       | . 3         |             |         | <u> </u> | <u> </u>   |      | 5.0   |       |
| VARBL |          | 1    |      |             |         | ·           | l           |         |          | <u> </u>   |      | 3     | 2.1   |
| CALM  |          | ><   | ><   | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ |         |          |  |      | 1.9   |       |
|       | 6,8      | 31.2 | 34.4 | 19.1        | 4,6     | 1.6         | . 4         |         |          |  |      | 100.0 | 8.    |

TOTAL NUMBER OF OBSERVATIONS 1585

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS COITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKY                    | /O 1 AP | JAPAN/ | 'HUNSHU |         |             | 47      | -60,67  | 169-72  |                   |  |              |       | JUN                   |
|---------|-------------------------|---------|--------|---------|---------|-------------|---------|---------|---------|-------------------|--|--------------|-------|-----------------------|
| STATION |                         |         | STATIO | N NAME  |         |             |         |         |         | TEARS             |  |              |       | ONTH                  |
|         |                         |         |        |         |         | ALL W       | EATHER  |         |         |                   |  |              | 120   | 0-1400                |
|         |                         |         |        | - · -   |         | CI          | ASS     |         |         |                   |  |              | HOURS | (L.S.T.)              |
|         |                         |         |        |         |         | CON         | DITION  |         |         |                   | _  |              |       |                       |
|         |                         |         |        |         |         | <del></del> |         |         |         | <del></del>       |  |              |       |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3   | 4 - 6  | 7 - 10  | 11 - 16 | 17 - 21     | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47           | 48 - 55  | ≥56          | %     | MEAN<br>WIND<br>SPEED |
| ŀ       | N                       |         | 1 .5   | 1.6     | 1.4     | . 3         | .4      |         |         | <del> </del>      | <del> </del>                                     | <del> </del> | 4.3   | 11.9                  |
| Ì       | NNE                     |         | 4 1.5  |         | 1.8     | .3          |         |         |         | <del> </del>      | <del> </del>                                     | ti           | 7.0   | 9,5                   |
| 1       | NE                      |         | 5 3.0  | 4.1     | 2.4     | . 4         | •1      |         |         |                   | <del></del>                                      | i i          | 10.6  |                       |
| ſ       | ENE                     | •       | 3 2.8  |         | 1.3     |             |         |         |         |                   |  |              | 7.9   | 7.8                   |
| Ī       | E                       |         | 9 3.5  |         |         | . 3         |         |         |         |                   |  |              | 11.0  | 7,6                   |
| ſ       | ESE                     | •       | 4 3.3  | 3.1     | .6      |             |         |         |         |                   |  | i ——         | 7.3   | 7.C                   |
| ſ       | SE                      |         | 1 2.3  | 3.4     | . 3     |             |         |         |         | i                 | <del>                                     </del> |              | 6.C   | 7,2                   |
| ĺ       | SSE                     |         | 5 2.9  | 6.2     | 2.7     | , 3         |         |         |         | i — —             | 1  |              | 12.6  | 8,8                   |
| ſ       | S                       |         | 1 1.6  |         |         | 1.9         | • 4     | -1      |         | i                 | T  |              | 20.0  | 11.9                  |
| Γ       | ssw                     |         |        |         |         |             | 1.1     | • 3     |         |                   | l  |              | 6,9   | 16.4                  |
| ſ       | sw                      |         | 1 .2   |         | • 1     |             |         |         |         |                   |  |              | . 6   | 7,7                   |
| [       | WSW                     |         |        |         |         |             |         |         |         |                   |  |              | 1     | 6,5                   |
| [       | w                       |         | 1 .1   | 1 4     |         |             |         |         |         |                   |  |              | 3     | 6.5<br>4.8<br>6.7     |
| {       | WNW                     |         |        | 1       |         |             |         |         |         |                   |  |              | 2     | 6.7                   |
| [       | NW                      |         | 1      | 2       |         | . 1         |         |         |         |                   |  |              | . 4   | 8,4                   |
| [       | NNW                     |         | 1 .5   | 6       | 1.6     | . 5         | . 2     |         |         |                   |  |              | 3.4   | 12.7                  |
| [       | VARBL                   |         | 1      |         |         |             |         |         |         |                   |  |              | 1     | 3.0                   |
| ſ       | CALM                    | > <     |        |         | $\geq$  | ><          | ><      | > <     | > <     | $\supset \subset$ |  |              | 1.4   |                       |
| Ì       |                         | 3       | 6 22.4 | 38.3    | 26.0    | 5.7         | 2.3     | , 3     |         | <u> </u>          | `  |              | 100.0 | 9.7                   |

TOTAL NUMBER OF OBSERVATIONS 159

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (EDOM HOURLY ORSERVATIONS)

| TOK                     | VL IAP   | JAPAN/H     | ONSHU       | <del></del> |             | 47          | 60,67       | ,69 <b>-</b> 72 | EARS        |             | ··· |       | JUN                                    |
|-------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|-----|-------|--|
|                         | _        |             | <del></del> |             | ALL W       | EATHER      |             |                 | ···         |             |     | 1500  | 0-1700                                 |
|                         |          |             |             |             | CONE        | NOTION      |             |                 |             | <u> </u>    |     |       |  |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40         | 41 - 47     | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED                  |
| N                       | .1       | .5          | .9          | . 8         | .4          |             |             |                 |             |             |     | 2.7   | 11.0                                   |
| NNE                     |          | .9          | 2.0         | 2.5         | .8          | 1           |             |                 |             |             |     | 6,2   | 11.4                                   |
| NE                      | .6       | 1.4         | 1.8         | 2.2         | . 4         | • 1         |             |                 |             |             |     | 6.5   | 9.6                                    |
| ENE                     | .4       | 2.0         | 2.8         | 2.4         | . 4         | 1           |             |                 |             |             |     | 8.1   | 9.5                                    |
| Ę                       | .6       | 2.0         | 4.0         | 1.7         | .2          | • 1         |             |                 |             |             |     | 8.5   | 8.5                                    |
| ESE                     | .4       | 1.6         | 2.7         | 1.8         | . 1         |             |             |                 |             |             |     | 6.6   | 8.7                                    |
| SE                      | .2       | 1.2         | 2.1         | .6          | , 1         |             |             |                 |             |             |     | 4.3   | 7,6                                    |
| SSE                     | . 4      | 1.9         | 4.9         | 3.Q         | . 1         |             |             |                 |             |             |     | 10.2  | 9.6<br>9.5<br>8.5<br>8.7<br>7.6<br>9.2 |
| S                       | . 1      | 2.2         | 10.2        | 11.9        | 2,7         | .7          | 1           |                 |             |             |     | 27.9  | 11.7                                   |
| ssw                     | 1        | . 8         | 2.3         | 6.2         | 3,3         | 1.1         |             |                 |             |             | l   | 13.8  | 14.4                                   |
| sw                      | <u> </u> | . 3         | 2           | 2           | - 1         |             |             |                 |             |             |     | . 8   | 9,5                                    |
| WSW                     | . 1      | الع         |             |             |             |             |             |                 |             |             |     | 2     | 4.0                                    |
| w                       |          | . 1         |             |             |             |             |             |                 |             |             |     | 1     | 6.0                                    |
| WNW                     |          | . 2         | 1           |             |             |             |             |                 |             |             |     | 3     | 6.0                                    |
| NW_                     | 11       |             | 1           |             |             |             |             |                 |             | 1           |     | 2     | 12.0                                   |
| NNW                     | . 1      | . 1         | . 4         | . 7         | . 5         | 1           |             |                 |             |             |     | 1.9   | 13.5                                   |
| VARBL                   | . 2      |             |             |             |             |             |             |                 |             |             |     | 2     | 2.0                                    |
| CALM                    | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$     | $\geq \leq$ | $\geq \leq$ | ><  | 1.5   |  |
|                         | 3,3      | 15.2        | 34.4        | 34.1        | 9.1         | 2,2         |             |                 |             |             |     | 100.0 | 10.6                                   |

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

1620

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TUKYO IAP JAPAN/HUNSHU | 47-60,67,   | 69-72 | JUN            |
|---------|------------------------|-------------|-------|----------------|
| STATION | STATION NAME           |             | YEARS | MONTH          |
|         |                        | ALL WEATHER |       | 1800-2000      |
|         |                        | CLASS       |       | HOURS (L.S.T.) |
|         |                        |             |       |                |
|         |                        | CONDITION   |       |                |
|         |                        |             |       |                |
|         |                        |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16     | 17 - 21 | 27 - 27  | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55  | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|--------|-------------|---------|----------|-------------|---------|-------------|----------|-------------|-------|-----------------------|
| N                       | . 2   | .6          | .7     | 1.4         | . 3     | • 1      |             |         | i —         | i —      |             | 3.2   | 10.9                  |
| NNE                     | . 2   | .6          | 1.1    | 2.4         | . 9     | • 2      |             |         |             |          |             | ×.4   | 12.3                  |
| NE                      | • ম   | . 7         | 2.2    | 3.0         | . 6     | • 3      |             |         |             |          |             | 7.0   | 11.5                  |
| ENE                     | . ¥   | 1.5         | 2.3    | 2.8         | s 7     |          |             |         |             |          |             | 7.5   | 10.5                  |
| E                       | . 4   | 1.2         |        | 2.1         | . 2     |          |             |         |             |          |             | 6.7   | 9.4                   |
| ESE                     | .4    | 1.3         |        | 1.4         | . 1     | • 1      |             |         |             |          |             | 6.8   | 8,8                   |
| SE                      | . 4   | 1.4         |        | 1.0         |         | - 1      |             |         |             |          |             | 4.8   | 7.9                   |
| SSE                     | . 4   | 2.2         |        | 2.1         | . 1     |          |             |         | <u> </u>    |          |             | 8.2   |                       |
| S                       | . 4   | 3.5         |        | 10.3        | 1.6     |          |             |         |             |          |             | 25.9  | 10.7                  |
| ssw                     | . 4   | 1.4         | 5,0    | 6,5         | 2.2     | 1.1      | . 1         |         |             |          |             | 16,6  |                       |
| SW                      | , 3   | . 5         | . 9    | . 2         | . 1     | • 2      |             |         |             | L        |             | 2,2   | 8,8                   |
| WsW                     | . 1   | . 6         | . 1    |             |         |          |             |         |             |          |             | , 7   | 4,9                   |
| w                       | , 2   | . 1         | . 1    |             |         |          |             |         |             |          |             | . 4   | 4,7                   |
| WNW                     | , 1   | , 2         | . 1    | 1           |         |          |             |         |             | <u> </u> |             | . 5   | 8.4                   |
| NW                      | , 1   | . 2         |        | 1           | .1      |          |             |         |             |          |             | 5     | 9.0                   |
| MMM                     | . 1   | .6          | . 3    | . 4         | . 4     | • 1      |             |         |             |          |             | 1.9   | 11.8                  |
| VARBL                   | 1     |             | l      |             |         |          |             | <u></u> |             | L        |             | 1     | 3,0                   |
| CALM                    |       | $\geq \leq$ | ><     | $\geq \leq$ | ><      | $>\!\!<$ | $\geq \leq$ | ><      | $\geq \leq$ |          | $\geq \leq$ | 1.6   |                       |
|                         | 3,9   | 16,6        | 34.6   | 33,6        | 7,3     | 2.4      | • 1         |         |             |          |             | 100.0 | 10.3                  |

TOTAL NUMBER OF OBSERVATIONS 160

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311  | TOKYO IAP JAPAN/HONSHU | 47.60,67,69-72 | JUN            |
|--------|------------------------|----------------|----------------|
| BOTATO | STATION HAME           | YEARS          | NTHOM          |
|        |                        | ALL WEATHER    | 2100-2300      |
|        |                        | CLASS          | HOURS (L S T.) |
|        |                        |                |                |
|        |                        | CONDITION      |                |
|        |                        |                |                |
|        |                        |                |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|----------|---------|---------|---------|---------|---------|--|-----|-------|-----------------------|
| Z                       | .2    | . 6   | 1.4    | 1.7      | - 4     | • 1     |         |         |         |  |     | 4.4   | 11.                   |
| NNE                     | . 3   | 1.0   | 2.3    | 3.0      | 1.3     | • 2     |         |         |         | i  |     | 8.1   | 11.                   |
| NE                      | .6    | 1.2   | 3.0    | 2.5      | . 5     | • 1     |         |         |         |  |     | 7.9   | 10.0                  |
| ENE                     | . 2   | 1.6   |        | 2.4      | .3      | • 1     |         | 1       |         |  |     | 8,0   | 9,                    |
| E                       | . 3   | 1.5   | 2,5    | 1.1      | . 1     |         |         | 1       |         | <del> </del>                                   |     | 5,6   | 8.                    |
| ESE                     | .4    | 1.9   |        | 8.       | .1      |         |         |         |         | 1  |     | 6.2   | 7.8                   |
| SE                      | . 6   | 1.9   | 3.2    | . 3      | . 1     |         |         |         |         |  |     | 6.1   | 7,8<br>7,2<br>8,2     |
| SSE                     | . 2   | 1.7   |        | 1.2      |         |         |         |         |         | <u>†                                      </u> | 1   | 6.7   | 8.                    |
| 5                       | 1.2   | 3.5   |        |          |         | • 1     |         |         |         |  |     | 18.0  | 9.3                   |
| SSW                     | . 7   | 1.4   | 4.9    |          | 2.1     | . 5     |         | Î -     |         | 1  |     | 13.6  | 11,4                  |
| sw                      | . 6   | . 7   | . 4    | . 1      | . 1     |         |         |         |         | 1  |     | 2.0   | 6.4                   |
| wsw                     | . 4   | .9    | . 2    | • 1      | • 1     |         |         |         |         |  |     | 1.7   | 5,4                   |
| w                       | _ 6   | . 9   | 1      | • 1      |         |         |         |         |         |  |     | 1.7   | 4.                    |
| WNW                     | 3     | . 5   |        |          |         |         |         |         |         |  |     | 1.2   | 5.1                   |
| NW                      | . 4   | , 5   | . 4    | • 2      | . 1     |         |         |         |         |  |     | 1.5   | 7,0                   |
| NNW                     | . 2   | . 8   | . 7    | 1.0      | . 2     | • 1     |         |         |         |  |     | 3.1   | 10,0                  |
| VARBL                   | . 1   |       |        |          |         |         |         |         |         |  |     | . 1   | 3.0                   |
| CALM                    | ><    | ><    | $\geq$ | $\times$ | ><      | > <     | $\geq$  |         | $\geq$  |  |     | 4.2   |                       |
|                         | 7.5   | 20.4  | 37.1   | 23.2     | 6,3     | 1.2     |         |         |         |  |     | 100.0 | 8.                    |

TOTAL NUMBER OF OBSERVATIONS 1608

USAFETAC FORM  $_{50_{L}-64}$  0-8-5 (OL-A) previous editions of this form are obsolete

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKY           | PAI ON | JAPAN/  | HONSHU |         |         | 47      | -60,67       | ,69-72  | !       |         |     |     | JUL           |
|---------|----------------|--------|---------|--------|---------|---------|---------|--------------|---------|---------|---------|-----|-----|---------------|
| STATION |                |        | STATION | NAME   |         |         |         |              |         | EARS    |         |     |     | ONTH          |
|         |                |        |         |        |         | ALL W   | EATHER  | <u> </u>     |         |         |         |     | 000 | 0-0200        |
|         |                | -      |         |        |         |         | LASS    |              |         |         |         |     |     | (£ 5.T.)      |
|         |                | _      |         |        |         |         |         |              |         |         |         |     |     |               |
|         |                | _      |         |        |         | CON     | DITION  |              |         |         |         |     |     |               |
|         |                | _      |         |        |         |         |         |              |         |         |         |     |     |               |
|         |                |        |         |        |         |         |         |              |         |         |         |     |     |               |
|         |                |        | ,       |        |         |         |         | <del>,</del> | ,       |         |         |     |     |               |
|         | SPEED          |        |         |        |         |         |         | 1            |         | Ì       | ]       | . 1 |     | MEAN          |
|         | (KNTS)<br>DIR. | 1 - 3  | 4.6     | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33      | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *   | WIND<br>SPEED |
|         | N              |        | 1 1 . 5 | 1.9    | 1.5     | . 3     |         |              |         |         |         |     | 5.5 | 9.0           |
|         | NNE            | •      | 2.0     |        |         | .2      |         |              |         | i       |         |     | 9.2 | 8.7           |
|         | NE             |        | 2.2     | 3.3    | 1.2     |         |         | .1           |         |         |         |     | 7.1 | 8,3           |
|         |                |        |         |        |         |         |         |              |         |         | T       |     |     |               |

| (KNTS)<br>DIR. | 1 - 3 | 4.6         | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47 | 48 - 55 | ≥56 | *     | SPEED |
|----------------|-------|-------------|-------------|---------|---------|-------------|-------------|-------------|---------|---------|-----|-------|-------|
| N              | .3    | 1.5         | 1.9         | 1.5     | . 3     |             |             |             |         |         |     | 5.5   | 9,0   |
| NNE            | . 5   | 2.0         | 4.1         |         | . 2     |             |             |             |         |         |     | 9.2   | 8     |
| NE             | . 3   | 2.2         | 3.3         | 1.2     |         |             | . 1         |             |         |         |     | 7.1   | 8.3   |
| ENE            | . 2   | 1.4         | 2.5         | . 7     | . 2     |             |             |             |         |         |     | 5.C   | 8     |
| E              | . 5   | 1.1         | 1.1         | . 2     |         |             |             |             |         |         |     | 3.0   | 6.4   |
| ESE            | . 7   | 1.3         | 5           | . 2     |         |             |             |             |         |         |     | 2.7   | 5,8   |
| SE             | 4     | 1.2         | 7           | ٢.      |         |             |             |             |         |         |     | 2.5   | 6.    |
| SSE            | . 8   | 2.4         | 1.1         | . 6     |         |             |             |             |         |         |     | 4.9   | 6,3   |
| \$             | 1,2   |             | 6.2         | 5,8     | 1,2     |             |             |             |         |         |     | 18.9  | 9.    |
| ssw            | 1,1   | 2.9         | 5.5         | 4.4     | 1.7     | . 5         |             |             |         |         |     | 16.0  | 10.4  |
| sw             | 1,8   | 1.8         | 1.3         | . 9     | , 2     | 2           |             |             |         |         |     | 6.3   | 7.:   |
| wsw            | 9     | . 8         | 5           | - 1     |         |             |             |             |         |         |     | 2.3   | 4.8   |
| w              | , 9   | 1.4         | 2           |         |         |             |             |             |         |         |     | 2.5   | 4.    |
| WNW            | . 5   | 9           | 2           |         |         |             |             |             | İ       |         |     | 1.6   | 4.    |
| NW             |       | 1.0         | 1.1         | 1       | 1       |             |             |             |         |         |     | 2.9   | 6.2   |
| NNW            |       | 1.5         | 7           | 5       |         |             |             |             |         |         |     | 3.3   | 6.9   |
| VARBL          | 1     |             |             |         |         |             |             |             | L       |         |     | 1     | 3.0   |
| CALM           | ><    | $\geq \leq$ | $\geq \leq$ | ><      | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |         |         | ><  | 6.3   |       |
|                | 11.4  | 27,8        | 30.8        | 18.8    | 4.0     | 9           | . 1         |             |         |         |     | 100.0 | 7.    |

TOTAL NUMBER OF OBSERVATIONS 1691

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYU IAP JAPAN/HONSHU                  | 47=60,67,69=72 | JUL            |
|---------|---|----------------|----------------|
| STATION | STATION NAME                            | YEARS          | MONTH          |
|         |   | ALL WEATHER    | 0300-0500      |
|         |   | CLASS          | HOURS (L.S.T.) |
|         |   |                |                |
|         | *************************************** | CONDITION      |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4.6      | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33     | 34 - 40  | 41 - 47  | 48 - 55 | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|--------|---------|---------|-------------|-------------|----------|----------|---------|-------------|-------|-----------------------|
| N                       | . 9   | 3.3      | 2.7    | 2.1     | . 4     | •1          |             |          |          |         |             | 9.5   | 8.                    |
| NNE                     | . 2.  | 2.0      | 4.7    | 2.2     | .1      |             |             | i        | <u> </u> |         |             | 9.2   | 8,9                   |
| NE                      | . 4   | 2.9      | 3.5    | 1.5     | . 2     |             |             |          |          |         |             | 8.5   | 8.0                   |
| ENE                     | .6    | 1.1      | 1.4    | . 4     | . 1     | • 2         |             |          |          |         |             | 3.8   | 7.0                   |
| E                       | . 5   | 1.2      | . 5    | • 3     |         |             |             |          |          |         |             | 2.5   | 6,                    |
| ESE                     | . 4   | . 9      | .6     | . 2     |         |             |             |          |          |         |             | 2.1   | 6,6                   |
| SE                      | ,6    | 1.0      | . 6    | .1      | . 1     |             |             |          |          |         |             | 2.5   | 6.                    |
| SSE                     | ,6    | . 9      | . 8    |         | • 1     |             |             |          |          |         |             | 2.9   | 6.9                   |
| <u> </u>                | , 7   | 2.9      | 4.1    | 2.9     | . 5     | 5           |             |          |          |         |             | 11.6  | 9.6                   |
| ssw                     | 1.7   | 2.4      | 3,2    | 3.7     | 1.7     | . 6         |             |          |          |         |             | 13.2  | 10.4                  |
| sw                      | 1.9   | 2.5      | 1.2    | . 7     | . 1     | • 1         | 1           | <u> </u> |          |         |             | 6.6   | 6.                    |
| WSW                     | 1.9   | 1.7      | . 3    |         |         |             |             |          | <u> </u> |         |             | 3.9   | 3.9                   |
| w                       | 3.0   | 1.8      |        | 1       |         |             |             |          | <u> </u> |         |             | 4.9   | 3.0                   |
| WNW                     | 8     |          | . 2    |         |         |             |             |          |          | <u></u> | <u> </u>    | 2.4   | 4.                    |
| NW                      | 1,5   |          | . 8    |         |         | 1           |             | <u> </u> |          |         |             | 3,9   |                       |
| NNW                     | .7    | 1.8      |        | , 9     | . 1     |             |             | <u> </u> |          |         |             | 4,4   | 6.5                   |
| VARBL                   | 1     |          |        |         |         |             |             | L        |          | L       |             | . 1   | 2,                    |
| CALM                    | ><    | $\geq <$ | ><     | ><      | ><      | $\geq \leq$ | $\geq \leq$ |          |          |         | $\geq \leq$ | 8.1   |                       |
|                         | 16,8  | 29.2     | 25,5   | 15.7    | 3.1     | 1.5         | . 1         |          |          |         |             | 100.0 | 7,                    |

TOTAL NUMBER OF OBSERVATIONS 1693

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

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> WSW WNW NW NNW VARBL

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOK                     | YO IAP | JAPAN/ | HUNSHU |         |         | 47      | -60,67  | ,69-72  | TEARS   |         |     |       | JUL                   |
|------------------|-------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
|                  |                         | _      |        |        |         | ALL W   | EATHER  |         |         |         |         |     | 0600  | 00800                 |
|                  |                         |        |        |        |         | CI      | A83     |         |         |         |         |     | HOURS | (L.S.T.)              |
|                  |                         | -      |        |        |         | CON     | DITION  |         |         | ·····   |         |     |       |                       |
|                  |                         | -      |        |        |         |         |         |         | -       |         |         |     |       |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
| ļ                | N                       | 1,4    | 3.5    | 1.9    | 1.8     | .7      |         |         |         |         |         |     | 9.3   | 7.7                   |
| į                | NNE                     |        |        | 4.6    | 2.0     | . 2     |         |         |         |         |         |     | 11.5  | 7.7                   |
|                  | NE                      | 1.:    | 3.3    | 4.6    | 1.6     | . 1     |         |         |         |         |         |     | 11.0  | 7.4                   |
|                  | ENE                     | •      | 2.5    | 1.2    | . 4     | . 2     |         |         |         |         |         |     | 5.3   | 6,7                   |
|                  | E                       | . !    |        |        | . 2     | . 1     |         |         |         |         |         |     | 3.7   | 6.2                   |
|                  | ESE                     | • 6    | 1.0    | ,6     | . 1     |         |         |         |         |         |         |     | 2.1   | 5,8                   |
|                  | SE                      |        | .6     | .7     | . 1     | . 1     | . 1     |         |         |         |         |     | 2.0   | 7.1                   |
|                  | SSE                     | • 6    | 1.3    | . 9    | . 4     | . 1     |         | • 1     |         | • 1     |         |     | 3.3   | 8,5                   |
|                  | 5                       | . (    | 2.2    |        | 3,3     | . 8     | . 2     |         |         |         |         |     | 11.9  | 8.5<br>9.7            |
| 1                | SSW                     | •      | 1.9    | 3.0    | 4.2     | 1.7     | • 7     | • 1     |         |         |         |     | 12.1  | 11.6                  |
|                  | sw                      | 1,7    | 1.8    | 1.1    | . 5     | . 1     | • 1     | •1      |         |         |         |     | 4.8   | 6.8                   |

TOTAL NUMBER OF OBSERVATIONS 1692

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TUKYU IAP JAPAN/HONSHU | 47-60,67,69 | -72   | JUL            |
|------------------|------------------------|-------------|-------|----------------|
| STATION          | STATION NAME           |             | YEARS | MTKOM          |
|                  |                        | ALL WEATHER |       | 0900-1100      |
|                  |                        | CLASS       |       | HOURS (L.S.T ) |
|                  |                        |             |       |                |
|                  |                        | CONDITION   |       |                |
|                  |                        |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|--------|-------------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | . 2   | .8          | 1.0    | 1.1         | . 3     | •1      |         |         | i       |         |     | 3,5   | 10.                   |
| NNE                     | . 5   | 2.4         | 2.8    | 1.5         | . 4     |         |         | i       |         |         |     | 7.5   | 8 . :                 |
| NE                      | .8    | 6.0         | 3.9    | 1.7         | . 1     |         |         |         |         |         |     | 12.4  | 7.0                   |
| ENE                     | .8    | 5.0         | 3.1    | . 5         | . 1     |         |         |         |         |         |     | 9.3   | 6.4                   |
| E                       | . 8   | 6.5         | 1.9    | .1          | . ?     |         |         |         |         |         |     | 9.4   | 5.1                   |
| ESE                     | .8    |             | 1.7    | . 2         |         |         |         |         |         |         |     | 5,5   | 6,6                   |
| SE                      | . 5   | 1.5         | 1.8    |             |         |         |         |         |         |         |     | 4.1   | 6,4                   |
| SSE                     | . 2   | 3.8         | 5.5    | 2,2         | . 4     |         |         |         |         |         |     | 12.1  | 8.                    |
| S                       | .2    | 2.8         | 6.7    | 7,3         |         | • 2     | • 1     |         | .1      |         |     | 18.8  | 11.0                  |
| ssw                     | . 4   | . 8         | 1,9    | 4.1         | 1.7     | • 8     |         |         | . 1     |         |     | 9.7   | 13.                   |
| sw                      |       | . 4         |        | , ĉ         | . 3     | • 1     |         | l       |         |         |     | 2.1   | 12.                   |
| wsw                     | . 1   | 3           |        |             |         |         |         |         |         |         |     | . 4   | 4,                    |
| w                       |       | . 1         |        |             |         |         |         |         |         |         |     | . 1   | 4.1                   |
| WNW                     | , 2   | . 1         | . 1    |             |         |         |         | l       |         |         |     | . 3   | 4.0                   |
| NW                      | . 1   | . 3         |        | 2           |         |         |         |         |         |         |     | . 6   | 7.                    |
| NNW                     | . 1   | . 5         | .6     | . 9         | . 1     |         |         |         |         |         |     | 2.2   | 9,6                   |
| VARBL                   | . 1   | . 1         |        |             |         |         |         |         |         |         |     | . 1   | 3,                    |
| CALM                    | ><    | $\geq \leq$ | ><     | $\geq \leq$ | ><      |         |         |         |         | ><      |     | 1.7   |                       |
|                         | 5,9   | 33,9        | 31.5   | 20.9        | 4.7     | 1.2     | . 1     |         | . 2     |         |     | 100.0 | 8.                    |

TOTAL NUMBER OF OBSERVATIONS 1696

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND SURFACE WINDS 2 DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 47=60,67,69=72 TOKYO IAP JAPAN/HONSHU 43311 STATION ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED 11 - 16 17 - 21 48 - 55 ≥56 11.5 1.1 1.3 1.2 4.2 9.5 NNE 8.5 1.7 7.1 NE 8,2 9,0 6,9 5,5 ENE ε 4.8 3.2 ESF 2,5 SE 14.8 26.8 11.3 s SSW \$W WNW 3.5 10.0 NW 10.0 VARBL CALM 30.8 10.2 100.0

TOTAL NUMBER OF OBSERVATIONS

1697

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKYO 1AP JAPAN/PUNSHU | 47=60,67,69=72 | JUL                       |
|------------------|------------------------|----------------|---------------------------|
|                  |                        | ALL WEATHER    | 1500m1700<br>HOVES (LST.) |
|                  |                        | CONDITION      |                           |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27  | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|--------|---------|----------|----------|-------------|---------|-------------|---------|-----|-------|-----------------------|
| ×                       | .2    | . 2      | . 4    | . 4     | .1       |          |             |         |             |         |     | 1.3   | 9.4                   |
| NNE                     | . 2   | .4       | .6     | .9      | , 5      |          |             |         |             |         |     | 2.6   | 11.3                  |
| NE                      | . 2   | 1.1      | 2,7    | 2.0     | . 2      |          |             |         |             |         |     | 6.1   | 9,4                   |
| ENE                     | . 4   | 1.0      | 3.3    | 2.0     | . 2      | • 1      |             |         |             |         |     | 6.9   | 9.5                   |
| E                       | . 1   | 2.2      | 2.2    | 1.,2    |          | • 1      |             |         |             |         |     | 5,8   | 8.3                   |
| ESE                     | . 2   | 1.5      | 3.1    | 1.5     | . 1      |          |             |         |             |         |     | 6.4   |                       |
| 5E                      | .2    | 1.5      | 1.9    | • 4     |          |          |             |         |             |         |     | 4.1   | 7.3                   |
| SSE                     | . 2   | 2.1      | 4.2    | 4.1     | 1.1      | • 1      |             | i ———   |             |         |     | 12.0  | _10.7                 |
| S                       | . 2   | 2.9      | 10.0   | 18.2    | 3.7      | .4       |             |         |             |         |     | 35,5  | 11.8                  |
| ssw                     | . 1   | .5       | 2.2    |         | 3.6      | 1.5      | • 1         |         |             |         |     | 16.0  | 14.6                  |
| sw                      |       | . 3      | . 2    |         | .4       | • 1      |             |         |             |         |     | 1.6   |                       |
| wsw                     |       | . 1      | .1     | . 1     |          |          |             |         |             | T       |     | . 2   | 8,3                   |
| *                       |       |          | .1     |         |          |          |             |         |             |         |     | . 1   | 7.0                   |
| WNW                     |       |          | .1     |         |          |          |             |         |             |         |     | . 1   | 9.0                   |
| NW                      |       | 1        |        | .1      | .1       |          |             |         |             |         |     | . 2   | 14.0                  |
| NNW                     |       |          | . 1    | . 2     | .1       | . 1      |             |         |             |         |     | . 4   | 16.0                  |
| VARBL                   |       |          |        |         |          |          |             |         |             | 1       |     |       |                       |
| CALM                    | ><    | $\times$ | > <    | $\geq$  | $\times$ | $\times$ | $\geq \leq$ | $\geq$  | $\boxtimes$ | $\geq$  |     | . 9   |                       |
|                         | 2.0   | 13.9     | 31.1   | 39.8    | 10.0     | 2,2      | .1          |         |             |         |     | 100.0 | 11.1                  |

TOTAL NUMBER OF OBSERVATIONS 1697

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 47=60,67,69=72 43311 TOKYO TAP JAPAN/HONSHU ALL WEATHER 1800-2000 HOURS (L.S.T.) SPEED (KNTS) MEAN WIND SPEED 41 - 47 ≥56 10.4 N 2.2 NNE 12.2 NE ENE Ε 9,3 ESE SSE 2.2 9.6 10.6 11.7 5 8.2 20.7 SSW <u>6.1</u> wsw w WNW VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 1712 USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDI ONS OF THIS FORM ARE OBSOLETE

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKYO TAP JAPAN/HONSHU                   | 47-60,67,69-72    | JUL                       |
|------------------|--|-------------------|---------------------------|
|                  |  | ALL WEATHER CLASS | 2100=2300<br>HOVES (LST.) |
|                  | AT-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | CONDITION         |                           |

| SPEED<br>(KNTS)<br>DIR | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47  | 48 - 55  | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------|-------|--------|---------|---------|---------|-------------|---------|----------|----------|-------------|-------|-----------------------|
| N                      | . 2   |       | . 5    | .6      | .1      |         |             |         |          |          |             | 1.9   | 8.9                   |
| NNE                    | . 1   | . 8   |        |         |         | • 1     |             |         |          |          |             | 5.0   |                       |
| NE                     | . 3   | 1.1   | 3.2    | 2.0     | . 4     | • 1     |             |         |          |          |             | 7,1   | 10.0                  |
| ENE                    | . 2   | 1.3   |        | 1.7     | . 2     |         |             |         |          | _        |             | 6.4   | 9.2                   |
| E                      | , 1   | 1.2   | 2.4    | . 7     | .1      |         |             |         |          | i        |             | 4.5   | 8,                    |
| ESE                    | , 3   | 1.5   | 2.3    | . 6     | . 1     |         |             |         |          |          |             | 4.8   | 7.8                   |
| SE                     | . 5   | 1.9   | 1.7    | , 2     | . 1     |         |             |         |          |          |             | 4.4   |                       |
| SSE                    | . 8   | 1.6   | 3.3    | . 8     |         |         |             |         |          |          |             | 6.5   |                       |
| S                      | 1.2   | 4.8   | 11.4   | 8.0     | 1.5     | . 2     |             |         |          |          |             | 27.1  | 9.8                   |
| ssw                    | . 6   |       | 5.4    | 6.8     | 2.5     | .6      | • 1         |         | Ì        |          |             | 19.0  | 11.4                  |
| _ sw                   | 1.0   | . 9   | _ ,7   | . 6     | . 4     | • 1     | .1          |         |          |          |             | 3,7   | 8 . !                 |
| wsw                    | _ , 5 | . 9   | . 1    | . 1     |         |         |             |         |          |          |             | 1,5   | 4.4                   |
| w                      | . 6   | .7    | . 2    |         |         |         |             |         | <u> </u> | <u> </u> |             | 1.5   |                       |
| WNW                    | . 1   | , 5   | . 2    |         |         |         | <u> </u>    |         |          |          | i -         | . 8   | 5 . 8                 |
| NW                     | . 4   | 4     | . 3    |         |         |         | <u> </u>    |         | <u> </u> | <u> </u> |             | 1.0   |                       |
| NNW                    | . 1   | . 4   | . 6    | . 2     | 1       |         |             |         |          |          |             | 1.4   | 3,9                   |
| VARBL                  | . 1   | . 1   |        |         |         |         |             |         |          |          |             |       | 2.1                   |
| CALM                   | ><    | ><    | ><     | ><      | ><      | ><      | $\geq \leq$ |         |          |          | $\geq \leq$ | 3.3   |                       |
|                        | 6,8   | 21.5  | 37.1   | 24.6    | 5,5     | 1.1     | .1          |         |          |          |             | 100.0 | 9.0                   |

TOTAL NUMBER OF OBSERVATIONS 1598

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

€;

> NNW VARBL CALM

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 3311    | TUKY            | YL IAP . | JAPAN/I | HONSHU      |         |         | 47      | -60,67  | <b>∽</b> 72 |             |                |             |       | \U <b>G</b>       |
|---------|-----------------|----------|---------|-------------|---------|---------|---------|---------|-------------|-------------|----------------|-------------|-------|-------------------|
| STATION |                 |          | STATION | HAME        |         |         |         |         |             | YEARS       |                |             |       | NTH               |
|         |                 |          |         |             |         | ALL W   | EATHER  |         |             |             |                |             | 0000  | 0200              |
|         |                 |          |         |             |         | CL      | A18     |         |             |             |                |             | HOURS | (L.S T.)          |
|         |                 |          |         |             |         |         |         |         |             |             |                |             |       |                   |
|         |                 |          |         |             |         | CON     | DITION  |         |             |             |                |             |       |                   |
|         |                 |          |         |             |         |         |         |         |             |             |                |             |       |                   |
|         |                 |          |         |             |         |         |         |         |             |             |                |             |       |                   |
|         |                 |          |         | <del></del> |         |         |         |         |             | <del></del> | <del>, ,</del> |             |       |                   |
|         | SPEED<br>(KNTS) | 1.3      | 4.6     | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47     | 48 - 55        | ≥56         | *     | MEAN<br>WIND      |
|         | DIR.            | '''      | • •     | /. "        | ,,,,,,, | " - 21  | 22 - 27 | 20.33   | 34.40       | "' "        | 46.33          | 230         | ^     | SPEED             |
|         | N               | .2       | 1.6     | 3.5         | 2.8     | .5      | • 1     |         |             | <b></b>     |                |             | 8.7   | 10.1              |
|         | NNE             | . 2      | 1.6     | 4.3         | 2.5     | .4      | • 1     |         |             |             |                |             | 9.0   | 9.6               |
|         | NE              | . 1      | 1.7     | 2.4         | 1.2     | . 1     |         |         |             |             |                |             | 5.6   | 9,6<br>8,5<br>7,9 |
|         | ENE             | .2       | 1.2     | 1.4         | .7      |         |         |         |             |             |                |             | 3.5   | 7.9               |
|         | E               | . 4      | 1.5     | 1.4         | . 6     | . 3     | • 1     |         |             |             |                |             | 4.3   | 8.3               |
|         | ESE             | .7       | 1.2     | . 6         | . 3     | . 1     |         |         |             |             |                |             | 2.8   | 5.8               |
|         | SE              | 1.1      | 2.1     | 1.0         | . 1     |         |         |         |             |             |                |             | 4.2   | 5,4               |
|         | SSE             | .7       | 1.3     | 2.1         | . 7     | . 2     |         |         |             |             |                |             | 4.9   | 7.6               |
|         | S               | 1.0      | 3.8     | 5.4         |         | 1.0     | . 3     |         |             |             |                |             | 16.3  | 9.7               |
|         | ssw             | 1.7      | 2.4     | 3.1         | 4.8     | 1.4     | . 4     | . 1     |             |             |                |             | 13.8  | 10.4              |
|         | sw              | . 8      | 1.7     | . 8         | . 6     | . 1     |         |         |             |             |                |             | 4,1   | 6,3               |
|         | wsw             | . 7      | 1.3     | . 3         | 1       |         |         |         |             |             |                |             | 2.4   | 6,3<br>4,7        |
|         | w               | 1.5      | 2.2     | . 4         |         |         |         |         |             |             |                |             | 4.1   | 4.4               |
|         | WNW             | . 3      | 1.2     | . 2         | . 1     |         |         |         |             | <u> </u>    |                |             | 1.8   | 5.0               |
|         | NW              | . 8      | 2.0     | 1.2         | ,1      |         | ,1      |         |             |             |                |             | 4.2   | 6 . Cl            |
|         | NNW             | , 3      | 9       | 1.7         | 1.4     | . 1     | • 2     |         |             |             |                |             | 4.6   | 9.6               |
|         |                 |          |         |             |         |         |         |         |             | 1           |                | <del></del> | · -   |                   |

TOTAL NUMBER OF OBSERVATIONS 1776

8.0

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP | JAPAN/HONSHU |     | 47-60,                                | AUG   |   |                  |
|---------|-----------|--------------|-----|---------------------------------------|-------|---|------------------|
| STATION |           | STATION NAME |     |                                       | YEARS |   | <br>MONTH        |
|         | _         |              | ALL | WEATHER                               |       |   | 0300-0500        |
|         | -         |              |     | CLASS                                 |       | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | HOURS (L S.T.)   |
|         | _         |              | ·   |                                       |       |   |                  |
|         |           |              | •   | CONDITION                             |       |   |                  |
|         |           |              |     |                                       |       |   |                  |
|         |           |              |     |                                       |       |   |                  |
| _       |           |              |     | · · · · · · · · · · · · · · · · · · · |       |   | <br><del>,</del> |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33 | 34 - 40                                 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|-------------|---------|---------|-------------|---------|---|---------|---------|-----|-------|-----------------------|
| N                       | .6    | 2.7   | 4.7         | 2.4     | . 5     | • 1         |         |   |         |         |     | 10.9  | 8,                    |
| NNE                     | .3    | 2.8   |             |         | . 3     |             |         |   |         |         |     | 1C.7  | 8                     |
| NE                      | . 2   |       |             | .9      | , 1     | _           |         |   |         | !       |     | 5.7   | 8,                    |
| ENE                     | . 3   | 1.1   | 1.0         | • 9     | . 1     | • 1         |         |   | ]       |         |     | 3.4   | 8                     |
| ε                       | . 4   | . 8   |             | . 2     |         | • 1         | • 1     |   |         |         |     | 2.0   | 7                     |
| ESE                     | . 4   | 1.1   | .6          | . 1     | , 1     | 1           |         |   |         |         |     | 2.3   | 7,                    |
| SE                      | . 6   | 1.4   | . 7         | • 1     |         |             |         |   |         |         |     | 2.8   |                       |
| SSE                     | . 7   | . 9   | 1.3         | . 3     | . 3     | -1          |         |   |         |         |     | 3.6   |                       |
| S                       | . 9   | 1.5   | 3.3         | 3.8     | . 7     | _• 2        |         |   |         |         |     | 10.5  | 10                    |
| ssw                     | 1,0   | 1.5   | 2.5         | 3.2     | . 7     | . 3         |         |   | ł       |         |     | 9.3   | 10                    |
| sw                      | 1,64  | 1.9   | 1.1         | , 3     |         |             |         |   |         |         |     | 4.6   | 5                     |
| wsw                     | 1,9   | 1.9   | . 5         | 1       |         |             |         |   |         |         |     | 4.4   | 4                     |
| w                       | 2.2   | 3.1   | . 5         |         |         |             |         | I                                       |         |         |     | 5.7   |                       |
| WNW                     | 1.5   | 2.0   | . 2         |         |         |             |         |   |         |         |     | 3.7   | 4                     |
| NW.                     | 1,4   | 2.0   | 1.6         | - 4     |         |             |         | I                                       |         |         |     | 5.4   | 6                     |
| NNW                     | . 7   | 2.2   |             |         | . 4     | • 1         |         |   |         | T       |     | 7.3   | - 8                   |
| VARBL                   | . 2   |       |             |         |         |             |         |   |         |         |     | . 2   | 2                     |
| CALM                    | ><    | ><    | $\supset <$ | > <     |         | $\supset <$ |         |   |         |         |     | 7.3   |                       |
|                         | 14.7  | 28.6  | 28.2        | 16.8    | 3,2     | 1.0         | . 1     | *************************************** |         |         |     | 100.0 | 7                     |

TOTAL NUMBER OF OBSERVATIONS 1764

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEAT TOR STRVICE/MAC PERCENTIGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 43311 TUKYU TAP JAPAN/HGNSHU 47-60,67-72 ALL MEATHER 0600=0800 HOURS (L.S.T.) .)1€. (K' ₁/5) €P. D MEAN WIND SPLED 7 - 10 1 - 3 17 - 21 | 22 27 ≥: 34 - 40 41 - 47 48 - 55 13.9 N 8.3 12.9 MISE NE 7.3 8.3 ENE 8.3 E ESE 8.0 1.3 SE 8.2 S%E 3 9.9 9.6 11.9 7.0 3,2 9.8 55W SW WSW WNW 2.0 5,4 8,2 NW 4.7 NNW VARBL 6.0 7.5 100.0 TOTAL NUMBER OF OBSERVATIONS 1758 USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 47-60,67-72 | AUG            |
|---------|------------------------|-------------|----------------|
| STATION | STATION NAME           | YEARS       | MONTH          |
|         | Α                      | ALL WEATHER | <u> </u>       |
|         |                        | CLASS       | HOURS (L.S T.) |
|         |                        | CONDITION   |                |
|         |                        |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 · 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55  | ≥56      | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|----------|---------|---------|-------------|-------------|-------------|-------------|----------|----------|-------|-----------------------|
| N                       | .5          | 1.5   | 2.1      | 1.5     | . 3     | • 1         |             | i           |             |          |          | 6.0   | 9.                    |
| NNE                     | .8          | 3.6   | 3.9      | 2.9     | . 3     | • 1         |             |             |             | 1        |          | 11.7  | 8.                    |
| NE                      | 1.0         | 5.1   | 4.9      |         | . 3     |             |             |             |             |          |          | 13.0  | 7,                    |
| ENE                     | .6          | 4.8   | 3.2      | . 6     |         | • 1         | • 1         |             |             |          |          | 9.4   | 6.                    |
| Ę                       | .6          | 5,6   | 3.0      | . 2     |         |             |             |             |             |          |          | 9.4   | 6.                    |
| ESE                     | . 2         | 2.4   | 2.0      | . 2     |         |             |             |             |             |          |          | 4.7   | 6.                    |
| SE                      | .4          | 1.6   | 2.8      | . 4     |         |             |             |             |             |          |          | 5.2   | 7,                    |
| SSE                     | , 3         | 1.8   |          |         |         | 2           | , 2         |             |             |          |          | 9.8   |                       |
| <u> </u>                |             | 1.1   | 5.6      | 7.3     | 1.6     | 4           | . 2         |             |             |          |          | 16.4  | 11,                   |
| SSW                     | . 1         |       | , 9      | 2.1     | 1,5     | 1.0         |             |             |             |          |          | 6.4   | 14,                   |
| sw                      | . 2         | . 3   |          | , 5     |         | • 1         |             |             | L.,         |          |          | 1,4   | 11.                   |
| W\$W_                   | . 1         | . 2   | . 2      |         |         |             |             | <u></u>     |             |          |          | . 5   | 5                     |
| w                       | 1 3         | 2     | 1        |         | 1       |             |             |             |             |          |          | 5     | 6,                    |
| WNW                     | 1           | 1     | 2        |         |         |             |             |             | L           |          |          | 3     | 6,                    |
| NW                      | . 4         | 4     | 2        | . 2     |         |             |             | L           |             |          |          | 1.0   |                       |
| _ NNW                   | . 2         | . 4   | 9        | . 8     | 2       | • 1         |             |             |             |          |          | 2,5   |                       |
| VARBL                   | . 2         |       |          |         |         |             |             | L           |             |          |          | . 3   | 2,                    |
| CALM                    | $\geq \leq$ | ><    | $\geq <$ | ><      | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq <$ | 1.5   |                       |
|                         | 5.7         | 29.9  | 34.0     | 21.3    | 5.1     | 2.0         | . 5         |             |             |          |          | 100.0 | 8                     |

TOTAL NUMBER OF OBSERVATIONS

> VARBL CALM

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43311 TUKYU IAP JAPAN/HUNSHU 47-60,67-72 AUG YEARS ALL WEATHER 1200=1400 HOURS (L S.T.) SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥56 1.0 2.5 3.3 10.8 1.0 10.0 8.6 7.9 1.2 1.5 5.9 NNE 2.6 2.1 9.1 NE 4.2 ENE 1.0 8.4 7 1 6 9 8 0 10 8 13 0 15 3 4.6 1C.6 ESE 2.0 6,2 5,7 3.6 SE 1.6 SSE 1.9 6.0 14.2 26,3 5 1.3 6.3 13.2 4.3 6,9 3.1 1.1 SSW sw WSW 10,2 8 3 5 7 9 7 . 1 WNW NW 11.4 NNW

> TOTAL NUMBER OF OBSERVATIONS 1780

100.0

10.3

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

29.3

7.8

2.0

19.6

37.0

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1784

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 311   | TUK            | YU JAP | JAPAN/      | <b>FUNSHU</b> |         |          | 47       | -00,07      | -12     |          |         |            |       | AUG           |
|-------|----------------|--------|-------------|---------------|---------|----------|----------|-------------|---------|----------|---------|------------|-------|---------------|
| ATION |                |        | STATION     | SMAN I        |         |          |          |             | 1       | EARS     |         |            |       | ONTH          |
|       |                | _      |             |               |         | ALL N    | EATHER   |             |         |          |         |            | 150   | 0=1700        |
|       |                |        |             |               |         | ••       |          |             |         |          |         |            |       | (             |
|       |                |        |             |               |         | CON      | DITION   | -           |         |          |         |            |       |               |
|       |                | _      |             |               |         |          |          |             |         |          |         |            |       |               |
| 1     | SPEED          |        |             |               |         |          | <u>-</u> |             |         |          | Γ       | <u> </u>   |       | MEAN          |
|       | (KNTS)<br>DIR. | 1.3    | 4-6         | 7 - 10        | 11 - 16 | 17 - 21  | 22 - 27  | 28 - 33     | 34 - 40 | 41 - 47  | 48 - 55 | ≥56        | *     | WIND<br>SPEED |
| 1     | И              | .1     | .2          | . 8           | . 8     | . 1      | • 1      |             |         |          |         |            | 2.1   | 10.6          |
|       | NNE            |        | .3          | 1.2           | 1.5     | .6       | • 1      |             |         |          |         |            | 3.8   | 12.2          |
|       | NE             | . 4    | . 7         | 2.5           |         | . 8      | • 3      |             |         |          |         |            | 7.0   | 11.4          |
|       | ENE            |        | 1.0         | 2.9           |         | . 2      |          |             |         |          |         |            | 6.2   | 9.8           |
| ı     | E              | . 3    | 2.1         | 3.0           | 1.8     | . 2      |          | . 1         |         |          |         |            | 7.5   |               |
|       | ESE            | . 1    | 1.6         | 3.1           | 2.6     |          |          | . 1         | . 1     |          |         |            | 7.6   | 9.8           |
|       | SE             | . 1    | .7          | 1.7           | 1.0     |          |          |             |         |          |         |            | 3,4   | 8.6           |
|       | SSE            | 5.     | 2,2         | 5.2           | 4.7     | ,6       | • 1      | .1          |         |          |         |            | 13.1  | 10.4          |
| 1     | \$             | . 2    | 1.7         |               |         |          | . 8      | .1          |         |          |         |            | 33.1  | 12.6          |
|       | SSW            | . 1    | . 4         | 2.6           | 5.1     | 2,3      |          | .1          |         |          |         |            | 11.8  | 14.1          |
|       | sw             | , 2    | . 1         | . 4           | . 1     | . 4      | • 1      |             |         |          |         |            | 1.2   | 12.5          |
|       | wsw            | . 1    | . 2         |               | . 1     |          |          |             |         |          |         |            | . 4   | 5.5           |
|       | w              |        |             | . 1           |         |          |          |             |         |          |         |            | . 2   | 7.0           |
|       | WNW            |        | . 2         |               |         |          |          |             |         |          |         |            | . 2   | 5.7           |
| į     | NW             |        | . 2         | 5             | . 1     |          | . 2      |             |         |          |         |            | . 9   | 11.1          |
|       | NNW            | .1     | . 1         | . 5           | . 2     |          | . 1      |             |         |          |         |            | 1.0   | 11.0          |
|       | VARBL          | .1     |             |               |         |          |          |             |         |          |         |            | . 1   | 3.0           |
|       | CALM           |        | $\geq \leq$ | $\geq$        | $\geq$  | $\times$ | > <      | $\geq \leq$ | $\geq$  | $\geq <$ |         | $\searrow$ | .6    |               |
|       |                | 1.7    | 11.7        | 34.6          | 38.1    | 10.1     | 2.8      | . 3         | . 1     | 1        |         |            | 100.0 | 11.4          |

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO TAP JAPANA UNSHU | 47.60,6     | 7-72  | AUG         |
|---------|------------------------|-------------|-------|-------------|
| STATION | (ATION HAME            |             | YEARS | MONTH       |
|         |                        | ALL WEATHER |       | 1800-2000   |
|         |                        | CLASS       |       | HOURS (LST) |
|         |                        |             |       |             |
|         |                        | CONSTRIAN   |       |             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40  | 41 - 47     | 48 - 55 | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|---------------|-------------|-------------|-------------|----------|-------------|----------|-------------|---------|----------|-------|-----------------------|
| N                       |             | . 3           | . 7         | .6          |             | • 1      |             |          |             |         |          | 1.8   | 10.4                  |
| NNE                     | . 1         | . 3           | 1.4         |             | 1.0         | • 1      |             |          |             |         |          | 5.0   | 12.6                  |
| NE                      | . 1         | . 8           | 2.0         |             | . 6         | • 2      | • 1         | . 1      |             |         |          | 6.2   | 12.0                  |
| ENE                     | . 1         | . 4           | 2.2         | 2.3         | . 1         |          |             |          |             |         |          | 5.0   | 10.5                  |
| E                       | . 1         |               |             | 1.8         | . 1         | . 2      |             |          |             |         |          | 5.0   | 10.5                  |
| ESE                     | .2          | 1.2           | 2.9         | 1.9         | . 1         |          |             |          |             | - 1     | . 1      | 6,3   | 10.0                  |
| SE                      |             | 1.1           | 2,6         | 1.4         |             |          |             | • 1      |             |         |          | 5.3   | 9.1                   |
| SSE                     | . 5         | 2.3           | 3.5         | 2.4         | . 3         |          |             |          |             |         |          | 9.1   | 9.1                   |
| S                       | .4          | 4.6           | 10.6        | 11.4        |             |          |             |          |             |         |          | 29.8  | 10.8                  |
| SSW                     | ,6          | 1.6           | 6.0         | 6.6         | 2,2         | . 3      |             |          |             |         |          | 17.4  | 11.5                  |
| sw                      | . 6         | . 7           | 1.0         |             | , 2         | • 1      |             |          |             |         |          | 3.0   | 8.2                   |
| wsw                     | , 3         |               |             |             |             |          |             |          |             |         |          | 9     |                       |
| w                       |             | . 3           |             |             |             |          |             |          |             |         |          | 3     | 6.2                   |
| WNW                     |             | . 2           |             | 1           |             |          |             |          |             |         |          | . 6   | 7.6                   |
| NW                      |             | 5             | . 4         | . 3         | 2           | 1        |             | <u> </u> |             |         |          | 1.4   |                       |
| NNW                     | 1           | . 2           | .6          | . 3         | . 1         |          |             |          |             |         |          | 1.2   |                       |
| VARBL                   |             | 1             |             |             |             |          |             |          |             |         |          | 2     | 3.0                   |
| CALM                    | $\geq \leq$ | $\geq$ $\leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ |          | $\geq \leq$ |         | $\geq <$ | 1.1   |                       |
|                         | 3,3         | 15,6          | 36.5        | 34,5        | 7.0         | 1.5      | . 2         | . 1      |             | .1      | .1       | 100.0 | 10.4                  |

TOTAL NUMBER OF OBSERVATIONS 1764

2

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOK            | AU IND      | JAPAN/          |             |             |         | 47            | -60,67      |             | EARS    |          |     |       | AUG                          |
|------------------|----------------|-------------|-----------------|-------------|-------------|---------|---------------|-------------|-------------|---------|----------|-----|-------|------------------------------|
| • IA (IOA        |                |             | <b>3</b> 121101 |             |             | ALL W   | EATHER        |             |             |         |          |     |       | 0 <del></del> 2300<br>(L#T.) |
|                  |                |             |                 |             |             | cı      | A35           |             |             |         |          |     | HOURS | (L S T.)                     |
|                  |                |             |                 |             |             | CON     | MOITIC        |             |             |         |          |     |       |                              |
| ſ                | SPEED          | 1           | <del></del> 1   | ·           | 1           |         | <del></del> 1 |             |             |         |          |     |       | MEAN                         |
|                  | (KNTS)<br>DIR. | 1 - 3       | 4 - 6           | 7 - 10      | 11 - 16     | 17 - 21 | 22 - 27       | 2E · 33     | 34 - 40     | 41 - 47 | 48 - 55  | ≥56 | *     | WIND<br>SPEED                |
| [                | N              |             | 1.0             | 1.6         | 1.6         | . 3     | - 1           | . 1         |             |         |          |     | 4.7   | 11,1                         |
| [                | NNE            |             | . 7             | 2.1         | 2.4         | , 8     | • 2           |             |             |         |          |     | 6.2   | 12.0                         |
| ĺ                | NE             | .1          | , 9             | 3.0         | 2.1         | , 2     | - 1           |             |             |         |          |     | 6.4   | 10.2                         |
|                  | ENE            | . 1         | 1.1             | 3.0         | 1.3         | . 1     |               |             |             |         |          |     | 5.6   | 9,1                          |
|                  | E              | .2          | 1.7             | 3.1         | 1.0         | . 1     |               |             |             |         |          |     | 6.1   | 8.2                          |
|                  | ESE            | .5          | 1.7             | 1.7         | . 5         |         |               |             |             |         |          |     | 4.7   | 7.2                          |
| Ī                | SE             | .4          | 2.3             | 2.1         | .6          | . 1     |               |             |             |         |          |     | 5.5   | 7.0                          |
|                  | SSE            | .7          | 2.9             | 3.7         | 1.8         | .1      |               |             |             |         |          |     | 9.2   | 7.8                          |
|                  | S              | 1.0         | 4.0             | 8.8         | 6.8         | .7      | . 4           | .1          | . 1         | . 1     | . 1      |     | 22.0  | 10.1                         |
| Ī                | SSW            | 1,1         | 2.0             | 3.4         | 6,5         | 1.4     | .5            |             |             |         |          |     | 15.0  | 11.2                         |
| [                | sw             | .6          | .6              | . 6         | . 9         | . 2     |               |             |             |         |          |     | 2.9   | 8.3                          |
| [                | wsw            | 1.0         | .7              | . 4         | . 1         |         |               |             |             |         |          |     | 2.1   | 4.6                          |
| [                | w              | . 3         | .6              |             | . 1         |         |               |             |             |         |          |     | 1.0   | 4.8                          |
|                  | WNW            | . 4         | . 3             | 1           |             |         |               |             |             | -::     |          |     | . 5   | 4.3<br>7.3<br>11.5           |
|                  | NW             | . 2         | . 8             | . 5         | . 4         |         |               |             |             |         |          |     | 2.0   | 7.3                          |
|                  | NNW            | . 1         | .4              | . 9         | .6          | . 2     | .3            |             |             |         |          |     | 2.5   | 11.5                         |
| [                | VARBL          | , 2         | . 1             |             |             |         |               |             |             |         |          |     | , 3   | 2.4                          |
|                  | CALM           | $\geq \leq$ | > <             | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$   | $\geq \leq$ | $\geq \leq$ | ><      | $\times$ | ><  | 3.3   |                              |
|                  |                | 6.7         | 21.6            | 35.0        | 27. a       | 4,3     | 1.7           | . 2         | . 1         | 1       | . 1      |     | 100.0 | 9.1                          |

TOTAL NUMBER OF OBSERVATIONS 1779

USAFETAC FORM C-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOK                     | YO 14P | JAPAN/ |        | <del></del> |         | 46      | -54,56  |         | ¥72     |             |     | - <del>-  </del> | SEP                   |
|------------------|-------------------------|--------|--------|--------|-------------|---------|---------|---------|---------|---------|-------------|-----|------------------|-----------------------|
|                  |                         |        |        |        |             |         | EATHER  | ···     |         |         |             |     |                  | 0#0200                |
|                  |                         |        |        |        |             | CON     | MOITION |         |         |         | <del></del> |     |                  |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6  | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | *                | MEAN<br>WIND<br>SPEED |
|                  | N                       | . 8    | 3.4    | 6.8    | 5.4         | . 9     | • 2     | • 1     |         |         |             |     | 17.5             | 9,9                   |
|                  | NNE                     | . 2    | 3.0    | 4.6    |             | . 2     | • 1     |         |         | Ī       |             |     | 11.3             | 8,9                   |
|                  | NE                      | . 2    | 1.9    | 2.5    | . 9         |         | • 1     |         |         |         |             |     | 5,6              | 7,8                   |
|                  | ENE                     | .3     | 1.3    | 1.7    | 1.0         |         |         | . 1     |         |         |             |     | 4.5              | 8,4                   |

| (KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 · 10   | 11 - 16  | 17 - 21 | 22 - 27     | 28 - 33  | 34 - 40     | 41 • 47     | 48 • 55  | ≥56      | *     | WIND<br>SPEED |
|----------------|-------------|-------------|----------|----------|---------|-------------|----------|-------------|-------------|----------|----------|-------|---------------|
| N              | . 8         | 3.4         | 6.8      |          | . 9     | • 2         | • 1      |             |             |          |          | 17.5  | 9,9           |
| NNE            | . 2         |             |          |          | . 2     | • 1         |          |             |             |          |          | 11.3  | 8,9           |
| NE             | . 2         |             | 2.5      | . 9      |         | 1           |          |             |             |          |          | 5.6   | 7.8           |
| ENE            | . 3         | 1.3         | 1.7      | 1.0      |         |             | . 1      |             |             |          |          | 4.5   |               |
| E              | . 4         | 1.3         | . 9      | . 3      |         |             |          |             |             |          |          | 3.0   |               |
| ESE            | . 3         | 1.7         | .7       | 1        |         |             |          |             |             |          |          | 2.8   | 5,            |
| SE             | . 2         |             |          | . 5      |         |             |          | . 1         |             |          |          | 2.8   | 7.8           |
| SSE            | .5          | 1.3         |          | . 8      | - 1     |             |          | • 1         |             |          |          | 4.0   |               |
| S              | .5          | 1.6         |          |          |         | • 2         | . 2      | 1           | • 1         |          |          | 6.1   | 10.           |
| ssw            |             | . 8         | 2.2      | 2.0      | . 9     | 4           | • 1      |             | <u> </u>    |          |          | 6.8   | 11.8          |
| sw             | .6          | . 5         | • 7      | . 2      | • 1     | . 2         |          |             |             |          |          | 2.3   | 8.            |
| wsw            | . 7         | . 6         | . 4      |          | _       |             |          | 1           |             |          |          | 1.7   |               |
| w              | 1,2         | , 9         | . 2      |          |         |             |          |             |             |          |          | 2.3   | 3.9           |
| WNW            | , 9         | 1.4         |          |          |         |             |          |             |             |          |          | 2.8   |               |
| NW             | 1.0         |             |          |          |         |             |          | 1           |             |          |          | 6.1   |               |
| NNW            | 1.0         | 3.1         | 5.6      | 2.3      | , 3     | , 4         | . 2      | • 1         |             |          |          | 13.0  | 9,3           |
| VARBL          | . 4         |             |          |          |         |             |          |             |             |          |          | . 4   |               |
| CALM           | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\times$ | >>      | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\times$ | $\times$ | 6.9   |               |
| L              | 9.8         | 26.9        | 32.7     | 18.1     | 2,8     | 1.5         | , 6      | . 4         | 1           | . 1      |          | 100.0 | 8.0           |

TOTAL NUMBER OF OBSERVATIONS 1727

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYU IAP JAPAN/HONSHU | 46=54,56=60,67=72 | SEP            |
|---------|------------------------|-------------------|----------------|
| STATION | STATION NAME           | TEARS             | MONTM          |
|         |                        | ALL WEATHER       | 0300-0500      |
|         |                        | CLASS             | HOURS (L S T.) |
|         |                        |                   |                |
|         | <del></del>            | CONDITION         |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 · 6       | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47  | 48 - 55 | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|---------|---------|----------|----------|-------------|----------|---------|----------|-------|-----------------------|
| N                       | 1.9         | 4.6         | 10.8        | 6.0     | . 5     | •6       |          |             |          |         |          | 24.3  | 9.1                   |
| NNE                     | .6          | 3.1         | 5.3         | 3.4     | . 2     |          |          |             | Ì        | l       |          | 12.6  | 8,6                   |
| NE                      | , 3         | 2.0         | 1.7         | 1.3     | . 1     |          |          |             |          |         |          | 5.4   | 7.9                   |
| ENE                     | . 3         | 1.0         | . 9         | .6      | . 1     |          |          |             |          |         |          | 2.8   |                       |
| 3                       | . 2         | . 6         |             | . 2     |         |          | 1        |             |          |         |          | 1.7   | 7.9                   |
| ESE                     | . 2         | . 3         | . 2         | , 2     | . 1     | • 1      |          |             |          |         |          | 1.1   | 8,2                   |
| SE                      | . 2         | . 5         | 1.2         |         |         |          |          |             |          |         |          | 1.9   | 6,4                   |
| SSE                     | , 1         | 1.0         | 9           |         |         |          |          |             |          |         |          | 2.8   | 9,5                   |
| 5                       | . 4         | . 9         | 1.6         |         |         |          | , 1      | 1           |          |         |          | 4.8   |                       |
| ssw                     | . 3         | <u> </u>    | 1.7         | 2.0     | . 6     |          | . 2      | 1           |          |         |          | 5.6   |                       |
| sw                      | .6          | . 6         |             | 1       | . 2     |          |          |             |          | <u></u> |          | 1.9   |                       |
| WSW                     | .8          |             |             | 1       |         |          |          |             | <u> </u> |         |          | 1.6   |                       |
| w_                      | . 9         | 1.3         | ,3          |         |         |          |          |             | <u> </u> |         |          | 2.4   |                       |
| WNW                     | 1,3         | 1.1         | 3           | 2       |         |          |          |             | <u>L</u> |         | <u> </u> | 2.9   |                       |
| NW                      | 1,5         | 3.5         | 2.0         | 5       |         |          |          |             | <u> </u> |         |          | 7.6   |                       |
| NNW                     | 1.2         | 4.7         | 5.6         | 2.3     | . 6     | • 2      | • 2      |             |          |         |          | 14.9  | 8 . 5                 |
| VARBL                   | 5,          | - 1         |             |         |         |          |          |             | L        |         | l        | . 2   | 2,5                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><      | ><      | $>\!\!<$ | $\times$ | $\geq \leq$ |          |         | ><       | 5.5   |                       |
|                         | 11.0        | 26.5        | 33.6        | 18.4    | 3.1     | 1.2      | . 5      | . 2         |          |         |          | 100.0 | 7.9                   |

TOTAL NUMBER OF OBSERVATIONS 1721

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC 2 PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 46-54,56-60,67-72 YEARS 43311 STATION TUKYN TAP JAPAN/HUNSHU CONDITION

| RFACE WIND | ACE WIND | CE | A | F | R | U | 5 |
|------------|----------|----|---|---|---|---|---|
| RFACE WIND | ACE WIND | CE | A | F | R | U | 5 |

| SPEED<br>(KNTS)<br>DIR. | 1.3  | 4 - 6    | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27     | 28 - 33 | 34 - 40                               | 41 - 47     | 48 - 55  | ≥56    | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|------|----------|----------|----------|----------|-------------|---------|---------------------------------------|-------------|----------|--------|-------|-----------------------|
| N                       | 1.9  | 5.6      | 8.6      | 5.6      | . 9      | • 4         |         |                                       |             |          |        | 23.0  | 8.9                   |
| NNE                     | 1.0  | 3.5      | 6.6      | 3.6      | . 2      |             |         |                                       |             |          |        | 14.9  | 8.5                   |
| NE                      | . 7  | 1.9      | 2.0      | 1.6      |          |             |         |                                       |             | j        | ,      | 6.2   | 7.8                   |
| ENE                     | .2   | 1.0      | 1.1      | 1.1      | .1       |             |         |                                       |             |          |        | 3.5   | 8.5                   |
| 3                       | .3   | . 2      | , 5      | • 2      |          |             |         |                                       |             | <b> </b> | 1      | 1.2   | 6.6                   |
| ESE                     | . 1  | 3        | . 5      | • 1      |          |             |         |                                       |             |          |        | . 9   | 7,5                   |
| SE                      | . 2  | . 8      | 4        | . 4      |          |             | •1      | .1                                    |             | i        | i      | 1.9   | 8,6                   |
| SSE                     | . 1  | . 4      | 1.3      | . 6      | . 3      |             |         | • 1                                   |             | i        | i — —  | 2.8   | 10.5                  |
| 5                       | . 2  | 4        | 1.5      | 1.2      | ,6       | , 2         | . 1     |                                       |             |          |        | 4.2   | 11.8                  |
| SSW                     | .1   | 4        | 1.1      | 1.7      | 8        | • 2         |         | ,1                                    |             |          | i      | 4,3   | 13.0                  |
| sw                      | . 4  |          | . 4      | • 2      | . 2      |             |         |                                       |             |          |        | 1.6   |                       |
| WSW                     | . 7  | . 5      |          |          |          |             |         |                                       |             |          |        | 1.3   | 4.0                   |
| W                       | 1.0  | . 4      |          |          |          |             |         | · · · · · · · · · · · · · · · · · · · |             |          |        | 1.3   |                       |
| WNW                     | . 8  | 1.2      | . 4      | -1       |          | _ •1        |         |                                       |             |          |        | 2.6   | 5,6                   |
| NW                      | 1.6  | 3.3      |          | . 6      |          |             | •       |                                       |             |          |        | 7.7   | 5.6<br>6.3            |
| NNV,                    | , 9  | 4.6      | 7.7      | 3.7      | . 5      | . 1         |         |                                       |             |          |        | 17.5  | 8.7                   |
| VARBL                   | , 3  | .1       |          |          |          |             |         |                                       |             |          |        | . 4   | 2,9                   |
| CALM                    |      | $\times$ | $\times$ | $\times$ | $\times$ | $\geq \leq$ | $\ge$   | $\geq$                                | $\geq \leq$ | $\geq <$ | $\geq$ | 4.6   |                       |
|                         | 10.5 | 25.0     | 34.2     | 20.7     | 3.6      | 1.1         |         | . 2                                   |             |          |        | 100.0 | 8.1                   |

TOTAL NUMBER OF OBSERVATIONS 1711

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 46-54,56-68 | 0,67.72 | SEP            |
|---------|------------------------|-------------|---------|----------------|
| STATION | STATION NAME           |             | YEARS   | MONTH          |
|         |                        | ALL WEATHER |         | 0900-1100      |
|         |                        | CLASS       |         | HOURS (L S.T.) |
|         |                        |             |         |                |
|         |                        | CONDITION   |         |                |

| SPEED<br>(KNTS)<br>DIR | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40  | 41 - 47  | 48 - 55  | ≥56            | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|----------|----------------|-------|-----------------------|
| N                      | . 8         | 3.4         |             | 4.9         | .6          | . 5         |             |          |          |          | i              | 17.9  | 9.                    |
| NNE                    | 1.2         | 5.1         | 6.9         | 4.2         | . 5         | • 1         |             |          |          |          |                | 18.0  |                       |
| NE                     | . 6         | 5.5         |             | 1.9         | . 1         | • 1         |             |          |          |          | i — —          | 13.3  | 7.                    |
| ENE                    | . 5         | 3.8         |             | . 9         | . 1         |             |             |          |          |          | i              | 8,5   |                       |
| E                      | . 4         | 3.3         | 1.8         | .2          |             | •1          |             |          | <u> </u> |          | <b>i</b> — — — | 5.7   | 6.                    |
| ESE                    | . 3         | . 9         | . 9         |             | . 1         |             |             |          |          |          |                | 2.3   |                       |
| SE                     | . 2         | .7          | 1.1         | .2          | . 1         | • 1         |             |          |          |          |                | 2,3   | 8,                    |
| SSE                    | . 2         | . 7         | 1.5         |             | . 4         | • 1         |             | • 1      |          |          |                | 4.1   | 10.                   |
| S                      | . 2         | . 6         | 3.0         | 3.4         | . 8         |             |             |          |          |          |                | 8.2   |                       |
| ssw                    | . 2         | . 1         | . 8         | 1.0         | 1.3         | • 5         |             |          |          |          |                | 4.5   |                       |
| sw_                    | .2          | . 1         | . 2         | . 3         | . 1         | • 1         |             |          |          |          |                | .9    | 10.                   |
| wsw                    | , 1         | 1           | 1           |             |             |             |             |          |          |          |                | . 2   | 5.                    |
| w                      |             | 2           | 1           |             | 1           |             |             |          |          |          |                | 3     | 8.                    |
| WNW                    |             | . 2         |             |             |             |             |             |          | . 1      |          |                | . 5   | 12.                   |
| NW                     | 1           | . 3         | 6           | 5           | 1           |             |             |          |          |          |                | 1.5   | 9.                    |
| NNW                    | , 1         | 1.7         | 3.6         | 2.6         | 5           | , 2         | . 1         |          |          |          |                | 8.7   | 10.                   |
| VARBL                  | . 2         | 2           |             |             |             |             |             |          |          |          |                | . 5   | 3.                    |
| CALM                   | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq <$ | $\geq <$ |                | 2,4   |                       |
|                        | 5.6         | 26.9        | 36.5        | 21.8        | 4.6         | 2.0         | .1          | .1       | .1       |          |                | 100.0 | 8.                    |

TOTAL NUMBER OF OBSERVATIONS 1722

2

1

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43311 TOKYO TAP JAPAN/HONSHU 46-54, 56-60, 67-72 YEARS 1200=1400 HOURS (L S.T.) ALL WEATHER SPEED (KNTS) DIR. 7 - 10 11 - 16 17 - 21 1 - 3 22 - 27 28 - 33 41 - 47 ≥56 10.5 3.0 9.0 2.7 N 3.0 2.6 4.0 10.7 NNE NE 2.8 13.9 8.1 7,9 ENE 4.1 3.9 2.7 Ę 4.2 4.6 3.0 9.8 6.5 8.0 10.3 12.3 FSE SE 1.8 4.0 SSE SSW 2.0 SW 8.0 4.5 6.2 WSW WNW 10.6 12.1 NW NNW VARBL 1.8 CALM

TOTAL NUMBER OF OBSERVATIONS 1714

9.3

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 46-54,56    | -60,67-72 | SEP            |
|---------|------------------------|-------------|-----------|----------------|
| STATION | STATION NAME           |             | YEARS     | HTHOM          |
|         |                        | ALL WEATHER |           | 1500-1700      |
|         |                        | CLASE       |           | HOURS (L S T.) |
|         |                        |             |           |                |
|         |                        | CONDITION   |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27     | 28 - 33     | 34 - 40  | 41 - 47     | 48 - 55     | ≥56         | %        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|--------|---------|----------|-------------|-------------|----------|-------------|-------------|-------------|----------|-----------------------|
| ×                       | . 3         | .9          | 2.0    | 2.2     | .5       | • 2         |             |          |             |             |             | 6.1      | 10.6                  |
| NNE                     | . 5         | 2.1         |        | 2.7     | . 5      | • 1         |             | 1        |             |             |             | 9.8      | 10.2                  |
| NÉ                      | . 6         | 2.3         | 3.0    | 3.7     | , 5      | • 1         |             |          |             |             |             | 10.2     | 9.7                   |
| ENE                     | .7          | 1.8         | 3.7    | 4.3     | . 5      | . 1         |             |          |             |             |             | 11.1     | 10.0                  |
| E                       | . 6         | 2.6         |        |         |          |             |             |          |             |             |             | 9,3      | 7,8                   |
| ESE                     | .6          | 1.9         |        |         |          | •1          |             |          |             |             |             | 6.3      | 7,7                   |
| SE                      | 4           | 2.3         | 2,2    |         | 2        |             |             |          |             |             |             | 5,3      | 7.6                   |
| SSE                     | , 4         | <u> </u>    |        | 1.7     | , 5      |             | .1          | 1        |             | <u> </u>    | <u> </u>    | 8.0      | 9.2                   |
| 5                       | . 4         |             | 6,3    | 7,2     | 1,6      | 5           |             | -1       |             | <u> </u>    |             | 17.4     |                       |
| ssw                     | • 1         | 5           | 1.6    |         | 1.8      | . 3         |             | <u> </u> | <u> </u>    |             |             | 8.2      | 13.4                  |
| sw                      |             |             |        | 2       |          |             |             |          | <u> </u>    |             |             | 7        | 9.1                   |
| wsw                     |             | 1           |        |         |          |             | ļ           |          | <u> </u>    |             | <u> </u>    | <b>.</b> | 4.0                   |
| w                       | . 1         |             |        |         |          |             |             | <u> </u> |             |             | ļ           | 1        | 2.0                   |
| WWW                     | <u> </u>    | 1           | , 2    |         |          |             |             |          |             | ļ           | ļ           | 3        | 8.8                   |
| NW                      |             | 1           | 2      | 2       |          |             |             |          | 1           | ļ           | ļ. <u> </u> | 6        |                       |
| NNW                     | <u>-</u>    |             | 1.5    | 1.7     | 5        | 1           |             |          |             | <u> </u>    | ļ           | 4.4      | 11.8                  |
| VARBL                   | , 3         |             |        |         |          |             | Ļ,          | Ļ,       | Ļ.,         | ļ           | Ļ,          | 4        | 2.7                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | > <    | > <     | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | $> \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 2.6      |                       |
|                         | 5.1         | 19.8        | 32.6   | 31.3    | 6,5      | 3.5         | .1          | . 2      | . 1         |             |             | 100.0    | 9.8                   |

TOTAL NUMBER OF OBSERVATIONS 1710

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOKYO IAP JAPAN/HONSHU

43311 STATION

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         |             |             |          |             | ALL W       | EATHER   |          |             |             |             |             | 180   | 0-2             |
|-------------------------|-------------|-------------|----------|-------------|-------------|----------|----------|-------------|-------------|-------------|-------------|-------|-----------------|
|                         |             |             |          |             | CI          | ASS      |          |             |             |             |             | HOURS | (L S 1          |
|                         | -           |             |          |             | CON         | MOLTION  |          | <del></del> |             |             |             |       |                 |
|                         |             |             |          |             |             |          |          |             |             |             |             |       |                 |
|                         |             |             |          |             |             |          |          |             |             |             |             |       |                 |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | %     | ME<br>WI<br>SPE |
| N                       | .2          | . 9         | 2.5      | 2.5         | 1.0         | • 2      | • 1      |             |             | • 1         |             | 7.4   | 1               |
| NNE                     | . 5         | 1.1         |          | 2.9         | . 5         |          |          | • 1         | .1          |             |             | 8.1   | 1               |
| NE                      | , 5         | 1.5         | 2,6      | 4.1         | . 8         |          |          |             |             |             |             | 9.5   | _1              |
| ENE                     | .2          | .8          | 3.4      | 3,9         | . 8         |          |          |             |             |             |             | 9.1   | $\equiv$        |
| E                       | . 3         | 1.1         | 3,3      | 2.3         | .1          | • 1      | • 1      |             |             |             |             | 7.2   |                 |
| ESE                     | .3          | 1.3         | 3,8      | 1.9         | . 2         | • 1      |          |             |             |             |             | 7.5   |                 |
| SE                      | , 2         | 1.1         | 3.1      | . 6         | , 2         | • 1      |          |             |             |             |             | 5.3   |                 |
| SSE                     | . 2         | 2.2         | 2.8      | . 9         |             | . 2      | 1        |             |             |             |             | 6.7   |                 |
| S                       | .6          | 2.2         | 5.2      |             | , 9         |          |          |             |             |             |             | 14.0  | 1               |
| ssw                     | - 5         | 1.0         | 2.8      | 2.6         | 1.4         |          |          |             |             |             | i           | 8.4   | 1               |
| sw                      | . 6         | . 8         |          | 5           | . 2         |          |          |             |             |             |             | 2.7   |                 |
| WSW                     | 5.          | 2           |          | 1           |             |          |          |             |             |             |             | 7     |                 |
| _w                      | 5.          |             |          |             |             |          |          |             |             |             | ļ           |       |                 |
| WNW                     | - 2         | 6           |          | 1           |             |          |          |             |             |             |             | 1.0   |                 |
| NW                      |             | 8           | 1.0      |             |             |          |          |             |             |             | <b> </b>    | 2.1   |                 |
| NNW                     |             |             | 2.4      | 1.1         | 7           | 2        |          |             |             |             | <u> </u>    | 5.3   | 1               |
| VARBL                   | <u></u>     |             |          |             |             |          |          |             |             |             |             |       |                 |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $> \leq$ | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 4,2   |                 |
|                         | 4.9         | 16.8        | 36.7     | 28.7        | 6,9         | 1.2      | , 4      | .1          | . 1         | 1           |             | 100.0 |                 |
|                         |             |             |          |             |             |          |          |             | TOTAL NUM   | AFR OF OR   | ERVATIONS   |       |                 |
|                         |             |             |          |             |             |          |          |             |             |             |             |       | 1               |

46-54,56-60,67-72

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKYU TAP JAPAN/HONSHU | 46=54,56=60,67=72<br>YEARS | SEP<br>MONTH                |
|------------------|------------------------|----------------------------|-----------------------------|
|                  |                        | ALL WEATHER                | 2100-2300<br>HOURS (L S.T.) |
|                  |                        | CONDITION                  |                             |

| SPEED<br>(KNTS)<br>DIR | 1 - 3       | 4-6         | 7 • 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55 | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|---------|-------------|---------|-------------|-------|-----------------------|
| N                      | . 4         | 2.6         | 4.4         | 3.6         | .6          | . 5         |         | . 1     |             |         |             | 12.1  | 10.3                  |
| NNE                    | . 4         | 2.3         | 5.0         | 2.6         | . 3         | • 1         | . 1     |         |             |         |             | 10.7  | 9.2                   |
| NE                     | . 3         | 2.1         | 3.8         |             | . 4         |             |         |         |             |         |             | 8.7   | 8,8                   |
| ENE                    | .2          | 1.4         | 3.9         | 1.2         | . 4         | • 1         |         |         |             |         |             | 7.1   | 8.9                   |
| E                      | .5          | 1.5         | 2,6         | 1.3         |             |             |         |         |             |         |             | 5.9   | 8,1                   |
| ESE                    | .9          | 1.6         | 1.5         | . 4         | . 1         |             |         |         |             |         |             | 4.5   | 6,6                   |
| SE                     | .5          | 2.6         |             | . 3         | . 2         | • 1         |         |         |             |         |             | 5,3   | 7.6                   |
| SSE                    | . 3         | 1.2         |             | . 6         |             | • 1         |         | • 1     |             |         |             | 4.6   |                       |
| 5                      | . 3         | 2.1         | 3.9         | 2.7         | . 4         | . 3         | -1      | • 1     | . 1         |         |             | 10.0  | 10.5                  |
| SSW                    | . 5         | 1.0         | 2.0         | 2.2         | . 8         | . 2         |         |         | i           |         |             | 6.8   |                       |
| SW                     | . 5         | . 5         | . 5         | . 3         |             | •1          |         |         |             |         |             | 1.9   |                       |
| wsw                    | .6          | . 6         | . 2         | • 1         |             |             |         |         |             |         |             | 1.6   |                       |
| w                      | .3          | . 3         | . 3         |             |             | 1           |         |         |             | ļ       |             | 1.0   |                       |
| WNW                    | . 8         | . 7         | . 5         |             |             |             |         |         |             |         |             | 2.0   |                       |
| NW                     | . 8         | 1.5         | 1.2         | . 3         |             |             |         |         |             |         |             | 3,8   | 6.3                   |
| NNW                    | .6          | 1.6         | 2.8         | 2.0         | . 8         | . 2         | • 1     | .1      |             |         |             | 7,8   | 10.8                  |
| VARBL                  | .1          | . 1         |             |             |             |             |         |         |             |         |             | . 2   | 3,5                   |
| CALM                   | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq$  | $\geq$  | $\geq \leq$ |         | $\supset <$ | 6.0   |                       |
|                        | 8,1         | 23.2        | 36.4        | 19.6        | 4.2         | 1.7         | . 5     | , 3     | . 1         |         |             | 100.0 | 8.5                   |

TOTAL NUMBER OF OBSERVATIONS 1722

USAFETAC FORM 20.8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO IAP JAPAN/HONSHU | 46÷54,      | 56-60,67-72 | CCT            |
|---------|------------------------|-------------|-------------|----------------|
| STATION | STATION NAME           |             | YEAPS       | MONTH          |
|         |                        | ALL WEATHER |             | 0000-0200      |
|         |                        | CLA98       |             | HOURS (L S.T.) |
|         |                        |             |             |                |
|         |                        | CONDITION   |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|--------|---------|---------|-------------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | . 9      | 3.7   | 8.3    | 10.2    | 2.1     | 1.1         | . 1     |         |         |         |     | 26.5  | _ 11,                 |
| NNE                     | . 2      | 1.7   | 4.7    | 4.3     | . 3     | . 4         |         | • 1     |         |         |     | 11.7  | 10                    |
| NE                      | . 1      | 3     | 1.7    | . 8     | 1       | • 1         |         |         |         |         |     | 3.1   | 9.                    |
| ENE                     | . 1      | . 2   | . 4    | . 1     |         |             |         |         |         |         |     | . 8   | 6                     |
| E                       | , 3      | . 2   | , 3    | . 1     |         |             |         |         |         |         |     | . 8   | 5                     |
| ESE                     | à        | . 3   | 1      | . 1     |         |             |         |         |         |         |     | . 5   | 7                     |
| SE                      | , 2      | . 4   | . 2    | -1      |         |             |         |         |         |         |     | . 9   |                       |
| SSE                     | 1        | . 2   | . 1    | - 1     |         |             |         |         |         |         |     | . 4   | 6                     |
| 5                       | . 2      | 4     | . 5    | . 3     | , 1     |             |         |         |         |         |     | 1.5   | . 8                   |
| SSW                     | . 1      | .5    |        |         | . 3     | • 2         |         |         |         |         |     | 2.3   | 12                    |
| sw                      | . 2      | . 3   | . 3    | . 3     | . 3     |             | i<br>I  |         |         |         |     | 1.4   | 9                     |
| wsw                     | . 4      | . ಚ   | . 1    |         |         |             |         |         |         |         |     | 1.2   | 4                     |
| _w                      | , 9      | 1.4   | . 2    |         |         |             |         |         | l       |         |     | 2.5   | 4                     |
| WNW                     | 9        | 2.1   | . 6    |         |         |             |         |         |         |         |     | 3.7   | 4                     |
| NW                      | 1,6      | 4.2   |        | 2.1     | , 3     |             |         |         |         |         |     | 11.4  |                       |
| NNW                     | 1.4      | 4.7   | 9.3    | 8.5     | 2.2     | . 9         |         |         |         |         |     | 27.0  | 10                    |
| VARBL                   | . 1      |       |        |         |         |             | ·       |         |         |         |     | . 1   | 2                     |
| CALM                    | $\geq <$ | ><    | ><     | ><      | > <     | $\supset <$ |         | ><      |         |         |     | 4.3   |                       |
|                         | 7,9      | 21.5  | 30.2   | 27.6    | 5,7     | 2.8         | .1      | . 1     |         |         |     | 100.0 | 9                     |

TOTAL NUMBER OF OBSERVATIONS 1802

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TUK             | YO IAP | JAPAN/  | HUNSHU      |               |         | 46          | -54,56      | <u>-60,67</u> | 72                |              |          |             | CT                         |
|---------|-----------------|--------|---------|-------------|---------------|---------|-------------|-------------|---------------|-------------------|--------------|----------|-------------|----------------------------|
| STATION |                 |        | STATION | NAME        |               |         |             |             | ,             | TEARS             |              |          |             | UNTH                       |
|         |                 | _      |         |             |               | ALL W   | EATHER      |             |               |                   |              |          | 0300        | 0-0500                     |
|         |                 |        |         |             |               | cr      | ASS         |             |               |                   |              |          | HOURS       | (L S.T.)                   |
|         |                 | _      |         |             |               |         |             |             |               |                   |              |          |             |                            |
|         |                 |        |         |             |               | CON     | DITION      |             |               |                   |              |          |             |                            |
|         |                 | _      |         |             |               |         |             |             |               |                   |              |          |             |                            |
|         |                 |        |         |             |               | •       |             |             |               |                   |              |          |             |                            |
|         | <del></del>     | ···    | , ,     | <del></del> |               |         | <del></del> | <del></del> |               |                   | <del>,</del> | ı        | <del></del> |                            |
|         | SPEED<br>(KNTS) | 1 - 3  | 4.6     | 7 - 10      | 11 - 16       | 17 - 21 | ₹? - 27     | 28 - 33     | 34 - 40       | 41 - 47           | 48 - 55      | ≥56      | *           | MEAN<br>WIND               |
|         | DIR.            | '''    | •••     | / . 10      | 11.10         | '' ' '  | 2: - 2/     | 20 - 33     | 34 - 40       | 41 . 4/           | 40 . 33      | _30      | ~           | SPEED                      |
|         | N               |        | 4.0     | 12.2        | 11.2          | 2.6     | 1.2         | .5          |               |                   |              |          | 32.5        | 11.2                       |
|         | NNE             | •      |         | 3.6         | 3.7           | .8      | • 1         | • 1         | -             |                   |              |          | 9.4         | 11.4                       |
|         | Nº.             |        | .3      | . 8         | . 5           | . 2     |             |             |               |                   |              |          | 1.9         | 10.3                       |
|         | ENE             |        |         | .1          | .1            |         |             |             |               |                   |              |          | . 2         | 8.3                        |
|         | E               |        | •       | . 1         |               |         |             |             |               |                   | 1            |          | . 1         | 8.0                        |
|         | ESE             |        |         |             |               |         |             |             |               |                   |              |          |             |                            |
|         | \$E             |        |         |             | . 1           |         |             |             |               |                   |              |          | . 1         | 11.0                       |
|         | SSE             | •      |         | , 1         | . 1           | 1       |             |             |               |                   |              |          | . 4         | 9,6<br>11,3<br>13,3<br>8,5 |
|         | S               | •      | 2       | .3          | , 2           | . 2     | • 1         |             |               |                   |              |          | 9           | 11.3                       |
|         | SSW             | •      | .3      | .3          | .9            | . 4     | • 2         |             |               |                   |              |          | 2,2         | 13,3                       |
|         | sw              |        | . 3     |             | 3             | . 1     |             |             |               |                   |              |          | 1.5         | 8,5                        |
|         | wsw             | •      | .3      | . 2         |               |         |             |             |               |                   |              |          | . 9         | 4.1                        |
|         | w               |        | 1.2     | , 1         | 1             |         |             |             |               |                   |              |          | 2,2         | 4.3                        |
|         | WNW             | 1.     |         | 3           | . 2           |         |             |             |               |                   |              | 1        | 3.3         | 4,7                        |
|         | NW              | 2.0    | 3.9     | 3.5         | 1.6           | . 7     | • 1         | -           |               |                   |              |          | 12.3        | 7.6                        |
|         | NNW             | 1.     | 4.5     |             | 9.9           | 1.6     | 1.2         | • 1         |               |                   |              | 1        | 29.6        | 10.6                       |
|         | VARBL           |        | .1      |             |               |         |             |             |               |                   |              |          | . 1         | 3.5                        |
|         | CALM            |        | $\geq$  | ><          | > <           | > <     | > <         | > <         | > <           | $\supset \subset$ |              |          | 2.5         |                            |
|         |                 |        |         |             | $\overline{}$ |         |             | <u> </u>    |               |                   | <del> </del> |          |             |                            |
|         | L               | 8.     | 17.4    | 32.8        | 28.9          | 6.6     | 2.7         |             |               | <u> </u>          | <u> </u>     | <u> </u> | 100.0       | 9,9                        |

TOTAL NUMBER OF OBSERVATIONS 1790

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TUEN                    | O IAP | JAPAN/  |        |         |         | 46         | 54,56   |         |         |             |     |       | TOU                   |
|---------|-------------------------|-------|---------|--------|---------|---------|------------|---------|---------|---------|-------------|-----|-------|-----------------------|
| STATION |                         |       | STATION | MARE   |         |         |            |         | 1       | EARS    |             |     | M     | NTHO                  |
|         |                         |       |         |        |         | ALL W   | EATHER     |         |         |         |             |     | 060   | 0-0800                |
|         |                         | _     |         |        |         | CL      | <b>/11</b> |         |         |         | <del></del> |     | HOURS | (L.S.T.)              |
|         |                         | _     |         |        |         |         |            |         |         |         |             |     |       |                       |
|         |                         |       |         |        |         | CON     | ITION      |         |         |         |             |     |       |                       |
|         |                         | -     |         |        |         |         |            |         |         |         | <del></del> |     |       |                       |
|         |                         |       |         |        |         |         |            |         |         |         |             |     |       |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27    | 28 - 33 | 34 - 40 | Å1 - 47 | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|         | N                       | . 8   | 4.8     | 11.0   | 11.5    | 2.6     | 1.0        | . 4     | . 2     | *****   |             |     | 32.6  | 11.2                  |
|         | HNE                     | , 6   | 1.0     | 3.8    | 4.0     | .7      | • 1        |         |         |         | !!          | -   | 10.1  | 10.6                  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55 | ≥56          | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|---------|--------------|-------|-----------------------|
| N                       | . 8         | 4.8         | 11.0   | 11.5        | 2.6         | 1.0         | . 4         | . 2         |             |         |              | 32.6  | 11.2                  |
| HNE                     | .6          | 1.0         | 3.8    | 4.0         | .7          | • 1         |             |             |             | ·       | <del> </del> | 10.1  | 10.6                  |
| NE                      | . 2         | . 3         | 1.6    | 1,0         | . 2         |             |             |             |             |         |              | 3,3   | 10.0                  |
| ENE                     | , j         | . 2         | . 2    | . 1         |             |             |             |             |             |         |              | .6    | 7.5                   |
| E                       |             |             | . 1    |             |             |             |             |             |             |         |              | , 1   | 10.C                  |
| ESE                     |             |             | . 2    |             |             |             |             |             |             |         |              | . 2   | 7,7                   |
| SE                      | . 1         | . 1         |        |             |             |             |             | L           |             |         |              | . 2   | 4.0                   |
| SSE                     | <u> 1</u>   | . 1         | .1     | .1          |             |             |             |             |             |         |              | . 3   | 7,2                   |
| <u> </u>                | 1           | . 1         | , 2    | . 4         | , 2         |             |             |             |             |         |              | 1.1   | 12.8                  |
| ssw_                    | , 1         | 3           | . 2    | . 6         | . 3         | 3           | 1 .         |             |             |         |              | 1.9   | 14.5                  |
| sw_                     | . 2         | . 2         | . 2    | . 3         |             |             |             |             |             |         | Ĺ            | . 8   | 8.3                   |
| wsw                     | , 2         |             | . 2    |             |             |             |             |             |             |         |              | . 4   | 4.9                   |
| w                       |             | . 8         | 3      |             |             |             |             |             |             |         |              | 1.7   | 4.6                   |
| WNW                     | , 6         | 1.1         | , 3    |             | 1           |             |             |             |             |         |              | 2.1   | 5.3                   |
| NW                      | 1,3         | 4.0         |        |             | ,3          |             |             |             | 1           |         |              | 11.2  | 7.7                   |
| NNW                     | 1.0         | 5.4         | 9.0    | 10.8        | 2,6         | . 8         | -1          | <u> </u>    |             |         |              | 29.7  | 10.8                  |
| VARSL                   | , 3         | . 1         | L      |             |             |             | L           |             |             |         |              | . 3   | 1.7                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | ><     | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ |         | $\geq \leq$  | 3.5   |                       |
|                         | 6,1         | 18.5        | 31.2   | 30.6        | 7.0         | 2.4         | , 5         | . 2         | .1          |         |              | 100.0 | 9,9                   |

TOTAL NUMBER OF OBSERVATIONS

1783

UCATETAC FORM  $_{\rm JU,~64}$  0-8-5 (OL-A) previous editions of this form are obscite

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1805

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKY           | /O 1AP .    | JAPAN/H  | UNSHU  |             |          | 46      | -54,56      | <u>-60,67</u> | ≈72      |             |     | (     | OCT                             |
|------------------|----------------|-------------|----------|--------|-------------|----------|---------|-------------|---------------|----------|-------------|-----|-------|---------------------------------|
| ******           |                |             |          |        | <del></del> | ALL W    | EATHER  |             |               | ·        |             |     | 0900  | <u>0≐1100</u><br>(L.5 T.)       |
|                  |                | -           |          |        |             | CONI     | DITION  |             |               |          | <del></del> |     |       |                                 |
| ſ                | SPEEL          |             |          | 1      |             |          |         |             |               |          |             |     |       | MEAN                            |
|                  | (KNTS)<br>DIR. | 1 - 3       | 4 · 6    | 7 - 10 | 11 - 16     | 17 - 21  | 22 - 27 | 28 - 33     | 34 - 40       | 41 - 47  | 48 - 55     | ≥56 | %     | WIND<br>SPEED                   |
|                  | N              | 1.3         | 3.5      | 9.5    | 10.7        | 4.1      | 1.2     | .3          | . 1           |          |             |     | 30.7  | 11.7                            |
| - 1              | NNE            | . 8         | 3.8      | 7.4    | 6.0         | . 9      | • 2     | •1          |               |          |             |     | 19.1  | 9.7                             |
|                  | NE             | .6          | 2.6      | 4.5    | 2.3         | . 7      |         |             |               |          |             |     | 10.1  | 8.4                             |
|                  | ENE            | . 6         | 2.0      | 1.4    | ۱,          |          |         |             |               |          |             |     | 4.3   | 5 6<br>5 8<br>4 9<br>4 3<br>5 5 |
| ļ                | Ε              | . 4         | 1.4      | .7     | . 1         |          |         |             |               |          |             |     | 2.6   | 5.8                             |
| Ī                | ESE            | . 2         | .6       | . 1    |             |          |         |             |               |          |             |     | . 9   | 4,9                             |
|                  | \$E            | , 2         | . 4      | . 1    |             |          |         |             |               |          |             |     | . 6   | 4,3                             |
|                  | SSE            | . 1         | 5        | . 2    |             |          |         |             |               |          |             |     | . 7   | 5,5                             |
|                  | S              |             | . 3      | . 3    | . 3         | ,2       |         |             |               |          |             |     | 1.2   | 10.7                            |
| [                | ssw            |             | . 1      | , 3    | , 9         |          | .6      | . 2         | 1             |          |             |     | 2.8   | 17.5                            |
|                  | sw             | . 1         | -1       | 1      |             |          |         |             |               |          |             |     | 6     | 10.1                            |
|                  | wsw            |             | . 1      | . 2    |             |          | . 1     |             |               |          |             |     | 3     | 10,2                            |
|                  | W              | ä           | . 2      | 1      |             |          |         |             |               |          | <u> </u>    | l   | 5     | 5.0<br>6.5                      |
| ĺ                | WNW            | ,2          | .1       | . 3    | . 1         |          |         |             |               |          |             | 1   | . 6   | 6.5                             |
|                  | NW             | . 1         | . 5      | 1.6    | - 9         |          | . 1     |             |               |          |             | i   | 3.7   | 10.6                            |
|                  | NNW            | .6          | 2.0      | 5.0    | 7.5         | 2.1      | . 7     |             |               |          |             | !   | 18.1  | 12,1                            |
|                  | VARBL          | , 9         | .2       |        |             |          |         |             |               |          | 1           |     | . 7   | 2.7                             |
|                  | CALM           | $\geq \leq$ | $\geq <$ | ><     | $\geq \leq$ | $\times$ | ><      | $\geq \leq$ | $\geq \leq$   | $\geq <$ | $\geq \leq$ | ><  | 2.7   |                                 |
|                  |                | 5,9         | 18.4     | 31.7   | 29.1        | 8,5      | 2.8     | , 6         | . 1           |          |             |     | 100.0 | 10.1                            |

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH ETAC/USAF SURFACE WINDS 2 AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND \* DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 43311 TOKYO IAP JAPAN/HONSHU 46-54,56-60,67-72 DCT 1200-1400 HOURS (L S T.) ALL WEATHER CLASS MEAN WIND SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥56 % 16.9 2.7 12.8 4.0 5.8 7.0 N 10.0 NNE 5.0 • 1 15.0 9.9 8.8 5.7 6.6 4.2 2.5 3.4 3.8 NΕ .3 • 1 <u>.</u>6 ENE 3.7 1.3 . 1 Ε . 2 ESE 2.6 2.4 6,2 SE SSE 10.9 ş 5 2.4 1.7 SSW SW wsw .1 WNW . 8 NW NNW VARBL 33.8 9,9 100.0

TOTAL NUMBER OF OBSERVATIONS

1812

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43311

TOKYLI 1AP JAPAN/HONSHU

ALL WEATHER

COMDITION

SPEED
(KNT)

ALL WEATHER

COMDITION

SPEED
(KNT)
DIR

SPEED
(KNT)

1 3 4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 256 % WIND
SPEED
N 5 1.0 3.1 5.3 2.3 1.0 .2 14.1 12. 10. 11.2 10. 11

| SPEED<br>(KNTS)<br>DIR | 1 - 3  | 4-6         | 7 - 10 | 11 - 16     | 17 - 21  | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|------------------------|--------|-------------|--------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| N                      | .5     | 1.8         |        | 5.3         | 2.3      | 1.0         | • 2         |             |             |             |             | 14.1  | 12.7                  |
| NNE                    | .6     | 1.7         | 3,5    | 4.1         | . 9      | .2          | . 1         |             |             |             |             | 11,2  |                       |
| NE                     | ,6     | 2.4         | 4.5    |             | . 4      | • 1         | . 1         |             |             |             |             | 14.9  | 10.3                  |
| ENE                    | .7     | 1.1         | 3.7    | 2.8         | .6       |             |             |             |             |             |             | 8.8   | 9,7                   |
| E                      | .7     | 3.0         |        | 1.3         | • 1      |             |             |             |             |             |             | 8.1   | 7.4                   |
| ESE                    | . 8    | 2.3         |        | 1.0         |          |             |             |             | L           |             |             | 5,4   | 6,7                   |
| SE                     | . 7    | 2.3         | 1.4    |             | -1       |             |             | <u></u>     |             |             |             | 4,5   |                       |
| SSE                    | . 6    | 1.4         |        | . 2         |          |             |             |             |             |             |             | 3,4   |                       |
| S                      | . 7    | 1.4         |        |             |          |             | • 1         |             |             |             |             | 8.4   | 9.4                   |
| ssw                    |        | .3          | lei    | 1.7         | . 5      | . 4         |             |             |             |             |             | 4.C   |                       |
| sw                     | . 1    | . 4         | . 3    | . 3         | . 1      | • 1         |             |             |             |             |             | 1,3   |                       |
| wsw                    | . 1    | . 2         |        |             | . 1      |             |             |             |             | <u> </u>    |             | . 4   | 7.4                   |
| w                      | 1      | • 1         |        | . 1         |          |             |             |             | <u> </u>    |             |             | .3    | 7.8                   |
| WNW                    | 1      |             |        |             |          |             |             |             | L           |             |             | . 3   | 5,6                   |
| NW                     | , 2    | .4          | . 3    |             |          | 1           |             | <u> </u>    |             |             |             | 1.8   | 10.2                  |
| NNW                    | ,1     | 1.3         | 2,1    | 4.1         | 1.7      | . 7         | , 2         |             |             |             |             | 10,2  | 13,2                  |
| VARBL                  | . 7    | . 2         |        |             | L        | L           |             |             |             |             |             | , я   | 2,7                   |
| CALM                   | $\geq$ | $\geq \leq$ | $\geq$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 2.1   |                       |
|                        | 7.1    | 20.4        | 29.0   | 30.9        | 7,2      | 2,7         | , 6         |             |             |             |             | 100.0 | 9,9                   |

TOTAL NUMBER OF OBSERVATIONS 1807

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

... ...

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKYO IAP JAPAN/HONSHU | 46-54,56-60,61 | 7=72<br>YEARS | BCT                         |
|------------------|------------------------|----------------|---------------|-----------------------------|
|                  |                        | ALL WEATHER    |               | 1800=2000<br>Hours (L s.T.) |
|                  |                        | CONDITION      |               |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|--------|---------|---------|---------|---------|---------|----------|---------|-----|-------|-----------------------|
| N                       | . 8      | 1.9      | 3.8    | 5.0     | 2.4     | • 8     | • 2     | • 1     |          |         |     | 15,2  | 12.5                  |
| NNE                     | , 2      | 1.1      | 4.6    | 5.7     | .7      |         |         |         |          |         |     | 12.6  | 11,2                  |
| NE                      | .2       | 1.6      | 4.3    |         | . 4     | • 2     | • 1     |         |          | i       |     | 12.1  | 10.9                  |
| ENE                     | . 3      | . 9      |        |         | . 2     | • 1     |         |         |          |         |     | 8.4   | 10.3                  |
| E                       | . 1      | 1.1      | 3.2    | 1.6     |         | • 1     |         |         |          |         |     | 6.0   | 8.9                   |
| ESE                     | .2       | 1.3      | 2.0    |         |         |         |         |         |          |         |     | 4.7   | 8,4                   |
| SE                      | .8       | 1.3      |        | . 7     |         |         |         |         |          |         |     | 4,9   | 7.0                   |
| SSE                     | . 3      | . 5      | . 5    |         |         |         |         |         |          |         |     | 1.3   | 5,6                   |
| 5                       | , 9      | . 8      | 2.3    | 1.2     | . 2     | • 1     |         |         |          |         |     | 5,5   | 8.4                   |
| ssw                     | . 4      | . 8      | 1.3    | .9      | .7      | • 4     |         |         |          |         |     | 4.6   |                       |
| sw                      | .6       | . 1      | . 2    | .6      | . 1     |         |         |         |          |         |     | 1.6   | 8.3                   |
| wsw                     | . 3      | . 5      | . 1    | • 1     |         |         |         |         |          |         |     | . 9   | 4.7                   |
| w                       | . 3      | . 4      |        |         |         |         |         |         |          |         |     | 1.0   | 5,2                   |
| WNW                     | . 2      | . 3      | . 2    | 1       |         |         |         |         |          |         |     | . 8   | 5,7                   |
| NW                      | , 3      | 1.3      | 1.1    | , 9     | . 1     | . 2     |         |         |          |         |     | 3.9   | 8,6                   |
| NNW                     | , 2      | 1.6      | 2,9    | 4.7     | 1.2     | • 9     | • 1     | .1      |          | 1       |     | 11.6  | 12,7                  |
| VARBL                   | . 3      | . 3      |        |         |         |         |         |         |          |         |     | .6    |                       |
| CALM                    | $\geq <$ | $\geq <$ | ><     | X       | ><      | > <     | ><      | ><      | $\geq <$ |         |     | 4,5   |                       |
|                         | 6.4      | 15.8     | 32.2   | 31.6    | 5,9     | 3.0     | . 4     | , 2     |          |         |     | 100.0 | 9.9                   |

TOTAL NUMBER OF OBSERVATIONS 1806

2

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKY                    | /U IAP      | JAPANA      | UHSHU       |             |             | 46      | -54,56      | -60,67      | -72         |             |             |       | 1CT                   |
|------------------|-------------------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| STATION          |                         | _           | STATION     | HAME        |             | ALL W       | EATHER  |             |             | TEARS       |             |             | 2100  | 0+2300<br>(L 1 T.)    |
|                  |                         |             |             |             |             | CON         | DITION  |             |             |             |             |             |       |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 · 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
| ľ                | N                       | 1.0         | 2.5         | 6.2         | 8.3         | 2.1         | . 8     | • 2         |             |             |             |             | 21.1  | 11.5                  |
|                  | NNE                     | .3          | 2.3         | 6.2         | 4.7         | . 7         | • 2     |             |             |             |             |             | 14.4  | 10.1                  |
| j                | NE                      | .3          | 1.5         | 3.8         | 2.6         |             | • 1     | • 1         |             |             |             |             | 8.3   | 9.4                   |
|                  | ENE                     | . 1         | 1.1         | 2.2         | .8          |             |         |             |             |             |             |             | 4.2   | 8,3                   |
| İ                | E                       | . 5         | .6          | 1.2         | . 3         |             |         |             |             |             |             |             | 2.5   | 8,3<br>6,9            |
|                  | ESE                     | , 3         | .6          | . 8         | . 1         |             |         |             |             |             |             |             | 1.9   | 6.6<br>5.7            |
|                  | SE                      | , 3         | 1.5         | . 8         | . 1         |             |         |             |             |             |             |             | 2.7   | 5,7                   |
| ĺ                | SSE                     | . 2         | • 7         | . 3         |             |             |         |             |             |             |             |             | 1.2   | 5.1<br>8.5            |
| [                | 5                       | . 6         | ٤,          | . 9         | . 6         | , 2         | • 1     |             |             |             |             |             | 2.8   | 8,5                   |
| [                | SSW                     | , 2         | . 4         | 3.          | .6          | 5           | 2       |             |             |             |             |             | 2.7   | 11.6                  |
|                  | sw                      | . 2         | . 2         | . , 3       | . 7         | . 2         |         |             |             |             |             |             | 1.3   | 9.0                   |
|                  | wsw                     |             | .7          | . 1         | 1           |             |         |             |             |             |             | lI          | 1.5   | 4.4                   |
|                  | w                       | . 8         | 1.1         | . 3         |             |             |         |             |             |             |             |             | 2.3   | 4.5                   |
|                  | WNW                     | 1.0         | 1.8         | . 3         | 1           |             |         |             |             | l           |             | L           | 3,2   | 8.3                   |
|                  | NW                      | .8          | 2.4         | 2.7         | 1.2         | . 3         |         |             |             |             |             |             | 7,6   | 8.3                   |
|                  | NNW                     | 7           | 2,0         | 5.7         | 5.6         | 2,3         |         |             |             | <u> </u>    |             |             | 17,3  | 11.0                  |
| ļ                | VARBL                   | 5.          |             |             |             |             |         |             | <del></del> |             |             |             | 2     | 2.0                   |
|                  | CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | > <     | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 4.8   |                       |
|                  |                         | 8,4         | 20.6        | 32.7        | 25.1        | 6,2         | 1.9     | . 2         |             |             |             |             | 100.0 | 9.1                   |

1800 TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYO | IAP JAP  |             | SHU |             |           | 47-5 | 4,56-60 |    |     |       |      | VOV         |
|---------|-------|----------|-------------|-----|-------------|-----------|------|---------|----|-----|-------|------|-------------|
| STATION |       |          | TATION HAME |     | AL          | L WEAT    | HER  |         | YE | ARS |       |      | 0=0200      |
|         |       |          |             |     |             | CLASS     |      |         |    |     |       | HOUR | \$ (L S.T.) |
|         |       |          |             |     |             | CONDITION |      |         |    |     |       |      |             |
|         |       |          |             |     |             |           |      |         |    |     |       |      |             |
| Γ       | SPEED | <u> </u> | $\top$      |     | $\neg \tau$ |           |      |         | Т  |     | <br>1 |      | MEAN        |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6  | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|------|----------|---------|---------|----------|---------|---------|---------|----------|-----|-------|-----------------------|
| N                       | 1.0   | 3.7  | 7.9      | 8.2     | 2.6     | - 3      |         |         |         |          |     | 24.0  | 10.                   |
| NNE                     | . 1   | 1.3  | 3.0      | 4.8     | .6      | • 2      |         |         |         |          |     | 10.0  | 11.                   |
| NE                      | . 1   | • 1  | .7       | . 7     | 1       |          |         |         |         |          |     | 2.4   | 9,                    |
| ENE                     | . 1   | .1   | .1       | .2      |         |          |         | i ——    |         | <u> </u> |     | . 5   | 8                     |
| E                       |       |      | - 1      | .1      |         |          |         |         |         | i — —    |     | . 1   | 12                    |
| ESE                     | .2    | . 1  | .1       |         |         |          |         |         |         |          |     | . 3   | 4,                    |
| SE                      |       | . 1  |          |         |         |          |         |         |         |          |     | . 1   | 5                     |
| SSE                     |       | .1   |          | . 2     |         |          |         |         |         |          |     | . 2   | 12                    |
| S                       | .1    | • 1  | .1       | .2      | .1      | <u> </u> |         |         |         |          |     | . 6   |                       |
| ssw                     | .2    | . 2  | .2       | .4      | . 2     |          |         |         |         | 1        |     | 1.2   | 9,                    |
| _sw                     |       | .2   | . 3      | .3      | . 1     | • 1      |         |         |         |          |     | . 9   | 11                    |
| wsw                     | .5    | . 7  | . 3      | .2      | _       |          | _       |         |         |          |     | 1.7   | 5                     |
| w                       | 2.0   | 1.8  | . 5      | . 1     |         |          |         |         |         |          |     | 4.4   | 4                     |
| WNW                     | 1.7   | 3.9  | . 6      |         |         |          |         |         |         | I        |     | 6.2   | 4                     |
| NW                      | 1.3   | 7.1  | 4.7      | 1.5     | . 2     | 1        |         |         |         |          |     | 14.9  | 6                     |
| NNW                     | 1,2   | 7.0  |          | 7.4     | 1.6     | 8.       | • 1     |         |         |          |     | 29.3  | 9                     |
| VARBL                   | . 4   | , 2  |          |         |         |          |         |         |         |          |     | . 5   | 2                     |
| CALM                    | ><    | ><   | $\geq <$ |         |         |          | $\geq$  |         |         |          |     | 2.7   |                       |
|                         | 9:0   | 27.2 | 29.8     | 24.1    | 5.4     | 1.7      | . 1     |         |         |          |     | 100.0 | 8                     |

TOTAL NUMBER OF OBSERVATIONS 1644

VARBL ÇALM

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

| 43311<br>STATION | *0K            | YO IAP | JAPAN/      |               |               | <del></del>                           | 47      | -54,56        | -60,67         | TATE    |               | <del></del> |      | NOV                        |
|------------------|----------------|--------|-------------|---------------|---------------|---------------------------------------|---------|---------------|----------------|---------|---------------|-------------|------|----------------------------|
|                  |                |        |             |               |               | AIL W                                 | EATHER  |               |                |         |               |             | 030  | 0=0500                     |
|                  |                | _      |             |               |               | CI                                    | ASS.    |               |                |         |               |             | HOUR | 6 (E S T.)                 |
|                  |                | _      |             |               |               |                                       | DITION  |               | <del></del>    |         |               |             |      |                            |
|                  |                |        |             |               |               | COM                                   | DITION  |               |                |         |               |             |      |                            |
|                  |                | -      |             |               |               | · · · · · · · · · · · · · · · · · · · |         |               |                |         |               |             |      |                            |
|                  |                |        |             |               |               |                                       |         |               |                |         |               |             |      |                            |
|                  | SPEED          |        |             |               |               |                                       |         |               |                | l       |               |             |      | MEAN                       |
|                  | (KNTS)<br>DIR. | 1.3    | 4-6         | 7 - 10        | 11 - 16       | 17 - 21                               | 22 - 27 | 28 - 33       | 34 - 40        | 41 - 47 | 48 - 55       | ≥56         | *    | WIND                       |
|                  | N              | 1.1    | 3.9         |               | 8.1           | 2.3                                   | • 5     |               | <del> </del> - | i –     |               |             | 25.3 | 10,                        |
|                  | NNE            | . 2    | 1.2         | 3.0           |               | . 5                                   | • 1     |               |                |         |               |             | 8.6  | 10,3                       |
|                  | NE             | . 1    | . 4         | . 6           | 1.0           | . 3                                   |         |               |                |         |               |             | 2.4  | 11.5                       |
|                  | ENE            |        | .2          |               | . 2           |                                       |         |               |                |         |               |             | . 4  | 8.5                        |
|                  | E              | 1      | . 1         |               |               |                                       |         |               |                |         |               |             | . 2  | 3,0                        |
|                  | ESE            | . 1    |             | . 1           |               |                                       |         |               |                |         |               |             | . 1  | 3,0<br>5,5                 |
|                  | SE             |        | .1          |               |               |                                       |         |               |                | i       |               |             | . 1  | 4.0                        |
|                  | SSE            | . 1    |             | . 1           | . 1           |                                       |         |               |                |         |               |             | . 3  | 6.4                        |
|                  | \$             | . 1    | . 1         | .1            | • 1           | . 1                                   |         |               |                |         |               |             | . 4  | 10.3                       |
|                  | SSW            | . 1    | . 1         | . 1           | , 5           | . 1                                   |         |               |                |         |               |             | . 8  | 10.8                       |
|                  | SW             | . 4    | .2          | . 1           | , 2           | . 1                                   |         |               |                |         |               |             | 1.0  | 8.0                        |
|                  | WSW            | . 4    | . 8         | . 4           | • 1           | • 1                                   |         |               |                |         |               |             | 1,8  | 6,4<br>10,3<br>10,8<br>8,0 |
|                  | W              | 1.8    | 1.7         | 4             | . 1           |                                       |         |               |                |         |               |             | 4.0  | 4,4                        |
|                  | WNW            | 1.7    | 2.7         | 5             |               | . 1                                   |         |               |                |         |               |             | 5.0  | 4.6                        |
|                  | NW             | 1.9    | 4.8         |               | . 4           | 4                                     | . 2     |               |                |         |               |             | 11.8 | 6.8                        |
|                  | NNW            | 2.0    | 6.4         |               | 9.0           | 2,1                                   | 1.0     |               |                |         |               |             | 33.6 | 9.8                        |
|                  | VARBL          | 3      | 1           |               |               |                                       |         |               |                |         |               |             | . 3  | 6.8<br>9.8<br>2.0          |
|                  |                |        | <del></del> | $\overline{}$ | $\overline{}$ |                                       |         | $\overline{}$ |                |         | $\overline{}$ |             |      |                            |

TOTAL NUMBER OF OBSERVATIONS 1648

100.0

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC SURFACE WINDS PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 4 43311 TOKYE TAP JAPAN/HUNSHU NOV 47-54,56-60,67-72 ALL WEATHER 0600=0800 Hours (L.S T.) 1 ij CONDITION ( SPEED (KNTS) DIR. MEAN WIND SPEED 7 - 10 17 - 21 €, 10.8 N 8.5 9.4 25.6 10.5 10.9 7.5 5.0 5.7 NNE 8.6 €, NE ENE .2 . €, ESE ŞE SSE 1 5 SSW sw 1 wsw WNW 4.9 1 NW 3.2 NNW VARBL 3.7 CALM 100.0 8.7 TOTAL NUMBER OF OBSERVATIONS 1662 USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 311    | TOKY                    | O IAP . |         |        |         |          | 47        | -54,56        | -60,67  | <del>-7</del> 2 |         | ,   |      | NOV_                  |
|--------|-------------------------|---------|---------|--------|---------|----------|-----------|---------------|---------|-----------------|---------|-----|------|-----------------------|
| TATION |                         |         | STATION | HAME   |         | A 1 1 51 | ~ A #UF ~ |               | ١       | TEARS           |         |     |      | ONTH                  |
|        |                         |         |         |        |         |          | EATHER    | <del></del> - |         |                 | —       |     |      | 0=1100                |
|        |                         |         |         |        |         |          |           |               |         |                 |         |     |      |                       |
|        |                         | _       |         |        |         | CON      | DITION    |               |         |                 |         |     |      |                       |
|        |                         |         |         |        |         |          |           |               |         |                 |         |     |      |                       |
|        |                         |         |         |        |         |          |           |               |         |                 |         |     |      |                       |
|        | SPEED<br>(KNTS)<br>DIR. | 1 - 3   | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27   | 28 - 33       | 34 - 40 | 41 - 47         | 48 - 55 | ≥56 | %    | MEAN<br>WIND<br>SPEED |
| ŀ      | N                       | 1.2     | 5.4     | 10.2   | 10.2    | 2.6      | 1.8       | , 2           |         |                 |         |     | 31.6 | 11.0                  |
|        | NNE                     | 1.2     | 4.0     | 5.9    | 5.1     | . 4      | • 2       |               |         |                 |         |     | 16.8 |                       |
|        | NE                      | 1.0     | 2.1     | 2.7    | 1.2     | . 1      |           |               |         |                 |         |     | 7.0  |                       |
| F      | ENE                     | . 8     | 1.4     | . 8    | . 4     |          |           |               |         |                 |         |     | 3.4  |                       |
|        | E                       | .5      | 1.6     | .3     |         |          |           |               |         | i — —           | 1       |     | 2.4  |                       |
| - 1    | ESF                     | ٠. ۵    | ĸ       |        |         |          |           |               |         |                 |         |     | Ġ,   | 4 1                   |

|       |          |      |      |      |          |     |          | ļ   | į  | 1 | 1 |       | •,   |
|-------|----------|------|------|------|----------|-----|----------|-----|----|---|---|-------|------|
| N     | 1.2      | 5.4  | 10.2 | 10.2 | 2.6      | 1.8 | , 2      |     |    |   |   | 31.6  | 11.0 |
| NNE   | 1.2      | 4.0  | 5.9  | 5.1  | . 4      | • 2 |          |     |    |   |   | 16.8  | 9,2  |
| NE    | 1.0      | 2.1  | 2.7  | 1.2  | • 1      |     |          |     |    |   |   | 7.0   | 7.4  |
| ENE   | . 8      | 1.4  |      |      |          |     |          | ĺ   | ]  |   |   | 3.4   | 6.0  |
| E     | . 5      | 1.6  | .3   |      |          |     |          |     |    |   |   | 2.4   | 6.0  |
| ESE   | . 4      | . 5  | 1    |      |          |     |          |     |    |   |   | . 9   | 4.1  |
| SE    | . 2      | . 3  |      |      |          |     |          |     |    |   |   | . 6   | 4.8  |
| SSE   | . 1      | .6   | . 3  | . 1  |          |     |          |     |    |   |   | 1.1   | 6.1  |
| S     | . 1      | . 2  | .2   |      |          | . 1 | . 1      |     |    |   |   | . 7   | 11.2 |
| SSW   | . 1      | . 1  | . 4  | .7   | , 5      | 1   |          | Į   |    |   |   | 1.9   | 13.5 |
| sw    |          | . 2  |      | . 4  | . 3      | . 1 |          | L   |    |   |   | 1.2   | 12.7 |
| wsw   | - 1      | . 2  |      | , 3  |          |     |          |     |    |   |   | . 8   | 7.6  |
| w     | , 4      | . 3  |      | - 1  |          |     |          |     |    |   |   | 9     | 5.1  |
| WNW   | . 3      | . 1  | .2   | 1    | . 1      |     |          |     |    |   |   | . 8   | 7,2  |
| NW    | . 9      | .7   | 1.7  | , 9  |          | • 2 |          |     |    |   |   | 4.4   |      |
| NNW   | . 7      | 2.9  | 6.6  | 6.6  | 2.0      | 1.7 | . 3      | • 1 |    | L |   | 20.9  | 12.1 |
| VARBL | 1.0      | . 5  |      |      |          |     |          |     |    | Ĺ |   | 1.5   | 2,9  |
| CALM: | $\geq <$ | ><   | ><   | ><   | $\times$ | ><  | $>\!\!<$ | ><  | >< |   |   | 3.1   |      |
|       | 8,8      | 21.2 | 30.1 | 26.0 | 6.0      | 4.1 | .6       | .1  |    |   |   | 100.0 | 9,6  |

TOTAL NUMBER OF OBSERVATIONS 1640

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYC IAP JAPAN/HONSHU | 47-54,56-60,67-72 | NOV            |
|---------|------------------------|-------------------|----------------|
| STATION | STATION NAME           | YEARS             | MONTH          |
|         | A                      | LL WEATHER        | 1200=1400      |
|         |                        | CLASS             | HOURS (L S.T.) |
|         |                        |                   |                |
|         | <del></del>            | CONDITION         |                |
|         |                        |                   |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47     | 48 - 55       | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|--------|---------|---------|---------|---------|----------|-------------|---------------|-----|-------|-----------------------|
| N                       | . 4      | 2.1   | _ 6.0  | 5.7     |         |         |         |          |             | İ             |     | 17.6  | 11.                   |
| NNE                     | . 4      | 4.5   |        | 3.9     | 1.2     |         |         | 1        |             |               |     | 16.1  | 9,                    |
| NE                      | 1.0      | 5.3   | 5,3    | 2.3     | . 2     |         |         |          |             |               |     | 14.1  | 7,                    |
| ENE                     | 1,3      | 3.8   | 3.0    | . 5     |         |         |         | <u> </u> |             |               |     | 8.7   | 6.                    |
| E                       | 1.0      | 6.1   | 2.5    | . 1     |         |         |         |          |             |               |     | 9.8   | 5                     |
| ESE                     | . 7      | 3.0   | 2.0    |         |         |         |         |          |             |               |     | 5.7   | 5,                    |
| SE                      | . 4      | 1.9   | . 9    | 1       |         |         |         |          |             |               |     | 3.2   | 5,                    |
| SSE                     | . 1      | 5     | . 8    | . 1     |         |         |         |          |             |               |     | 1.6   | 7                     |
| S                       | 1        | . 5   | . 9    | 5       | 1       | • 1     | 1       |          |             |               |     | 2,4   | 10                    |
| ssw                     | 1        |       | . 5    | . 8     | 1.0     |         | ,2      |          |             |               |     | 2.9   | 16                    |
| sw                      |          | . 2   | . 4    | . 6     | . 6     | • 1     | 1       |          | l           |               |     | 1.9   | 15                    |
| wsw                     |          | 1     |        | 1       |         |         |         |          |             |               |     | . 3   | 13                    |
| w                       | 1        |       | 1      | 1       |         |         |         |          |             |               |     | . 3   | 8                     |
| WNW                     | 1        | 1     | 1      | . 2     |         |         |         |          |             |               |     | . 4   | 9                     |
| NW                      |          | 3     | . 2    | . 8     |         | , 2     |         | l        |             |               |     | 1.8   | _12                   |
| NNW                     | . 2      | . 9   | 2.4    | 4.4     | 2,1     | 1.0     | 4       | 1        |             |               |     | _11.6 | 14                    |
| VARBL                   |          | . 1   |        |         |         |         |         |          |             |               |     | . 5   | 2                     |
| CALM                    | $\geq <$ | ><    | ><     | ><      | ><      | ><      | ><      | ><       | $\supset <$ | > <           | ><  | 1.1   |                       |
|                         | 6.4      | 29.3  | 31.2   | 20.4    | 7,3     | 3.3     | .7      | . 1      | .1          | · · · · · · · |     | 100.0 | 9                     |

TOTAL NUMBER OF OBSERVATIONS 1651

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOX                     | YU IAP |             |             |         |         | 47       | 54,56       | -60,67      | •72          |                   |     |       | NOV                   |
|---------|-------------------------|--------|-------------|-------------|---------|---------|----------|-------------|-------------|--------------|-------------------|-----|-------|-----------------------|
| STATION |                         |        | STATION     | HAME        |         |         |          |             |             | FEARS        |                   |     |       | ONTH                  |
|         |                         | _      |             |             |         | ALL W   | EATHER   |             |             |              |                   |     | 1500  | 0-1700                |
|         |                         |        |             |             |         | cı      | A35      |             |             |              |                   |     | NOUNE | (L.S.T.)              |
|         |                         |        |             |             |         | CONI    | DITION   | <del></del> |             |              |                   |     |       |                       |
|         |                         |        |             |             |         |         |          | <del></del> | <del></del> |              | _                 |     |       |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6       | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47      | 48 - 55           | 256 | *     | MEAN<br>WIND<br>SPEED |
|         | N                       | .6     | 2.0         | 3.5         | 6.1     | 2.0     | - 3      |             |             |              |                   |     | 15.0  | 11.9                  |
|         | NNE                     | 1.1    | 2.3         | 4.4         |         | . 9     | • 2      |             |             |              |                   |     | 12.5  |                       |
|         | NE                      | 1.6    | 2.5         | 3.5         | 2.7     | . 5     | • 2      |             |             |              |                   |     | 10.9  |                       |
|         | ENE                     | 1.3    | 3,3         | 3.1         |         | . 2     |          |             |             | ·            |                   |     | 9.4   | 7,4                   |
|         | ε                       | 1.9    | 3.1         | 1.7         |         |         | -        |             |             | <del> </del> |                   |     | 7.2   | 5,6                   |
|         | ESE                     | 1.0    | 3.1         | 1.6         |         |         |          |             |             |              |                   |     | 5.9   | 5.8                   |
|         | SE                      | ,9     | 1.8         | 1.0         | . 3     |         |          |             |             |              |                   |     | 4.0   | 5.8<br>5.9            |
|         | SSE                     | .7     | 1.9         | . 6         |         |         |          |             |             |              |                   |     | 3.2   | 5,5                   |
|         | S                       | .5     | 1.6         | 1.8         | . 7     | . 2     | • 1      | 1           |             | l            |                   | ,   | 5.1   | 8.4                   |
|         | SSW                     | .2     | . 4         | .7          | 1.5     | 1.0     | . 3      | .1          |             |              |                   |     | 4.1   | 13.8                  |
|         | SW                      | , 2    | . 4         | .4          |         | .6      |          |             |             |              |                   |     | 2.2   | 13.0                  |
|         | wsw                     | .1     | . 1         | . 4         | . 2     |         |          |             |             | <u> </u>     |                   |     | . 8   | 13.0                  |
|         | w                       |        | . 1         | .1          |         |         |          |             |             |              |                   |     | . 2   | 10.5                  |
|         | WNW                     | . 1    | . 3         | . 2         |         | . 1     |          |             |             | l            |                   |     | . 7   | 7.3                   |
|         | NW                      | . 2    | . 5         | . 8         | . 7     | . 1     | • 2      | •1          |             |              | 1                 |     | 2.7   | 7,3                   |
|         | NNW                     |        | 1.0         | 3,2         | 4.0     | 1.8     | 1.1      | .3          | 1           | • 1          |                   |     | 11.6  |                       |
|         | VARBL                   | . 4    | . 4         |             |         |         |          |             |             |              |                   |     | . 8   | 3,2                   |
| ı       | CALM                    |        | $\geq \leq$ | $\geq \leq$ | ><      | $\geq $ | $\geq <$ | $\ge$       | > <         | $\geq$       | $\supset \subset$ | ><  | 3.5   |                       |
|         |                         | 10 6   | 34 7        | 27 2        | 2.2 6   | 7.5     | 2.2      | K.          | •           | ,            |                   |     | 100.0 | 0 1                   |

TOTAL NUMBER OF OBSERVATIONS 1663

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u>               | (YL. JAP    | JAPAN       |             |             |             | 47          | -24,20                                | -60,67      | = /2        |             |             |       | VOV                   |
|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------------------|-------------|-------------|-------------|-------------|-------|-----------------------|
|                        | _           |             |             |             | ALL W       | EATHER      |                                       |             |             |             |             |       | 0=2000                |
|                        | -           |             |             |             |             | DITION      |                                       |             |             |             |             |       | ,                     |
| SPEED<br>(KNTS)<br>DIR | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33                               | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |
| N                      | . 0         | 2.6         | 4.6         | 4.a         | 1.7         | • 6         |                                       |             |             |             |             | 14.3  | 10.9                  |
| NNE                    | .7          | 2.5         | 4.6         |             | 1.0         |             | · · · · · · · · · · · · · · · · · · · |             |             |             |             | 13,2  | 10.2                  |
| NE                     | . 2         | 1.5         | 2.9         |             |             |             |                                       |             | <u> </u>    | 1           |             | 7.3   | 10,2<br>9,9<br>8,7    |
| ENE                    | .7          | 1.7         | 2.2         | 1.9         | . 2         |             |                                       |             |             |             |             | 6,8   | 8.7                   |
| E                      | . 3         | 1.1         | 2.2         | .7          | 1           |             |                                       |             |             | 1           |             | 4,4   | 7,9                   |
| ESE                    | .6          |             | 2,2         | . 2         |             |             |                                       |             |             |             |             | 4.4   | 6,9                   |
| SE                     | . 5         |             | 1.4         | 2           |             |             |                                       |             |             |             | -           | 3.6   | 7,9<br>6,9<br>6,3     |
| SSE                    | 57          | . 9         | 4           | 1           |             |             |                                       |             |             |             |             | 2.2   | 5,4<br>8,1            |
| 5                      | . 4         | 1.1         | . 3         |             | , 2         |             |                                       |             |             |             |             | 3.4   | 8.1                   |
| ssw                    | . 5         |             | . 8         | 1.3         | . 5         | 4           |                                       | <u> </u>    |             |             |             | 4.0   | 12.5                  |
| sw                     | 2           | .6          | - 4         | 6           | , 3         |             |                                       |             |             |             |             | 2.2   | 9,6                   |
| WSW                    | <u> </u>    | . 7         | 2           |             | . 1         |             |                                       |             |             |             |             | 1.3   | 7.0                   |
| <u>w</u>               |             |             | 2           | 1           |             |             |                                       |             |             | <u> </u>    |             | 1.4   | 4.9<br>6.2            |
| WNW                    |             | 1.9         | . 3         | 1           |             | 1           |                                       |             |             |             |             | 2.0   | 6,2                   |
| NW                     | 1.9         |             |             | 1.3         | 2           |             |                                       |             |             |             |             | 6.4   | 7.8                   |
| NNW                    | ,7          | 2.3         | 5.2         | 6.3         | 2.0         | 1.3         | . 2                                   |             | ļ           | <u>  </u>   |             | 18.3  | 7.8                   |
| VARBL                  | . 5         | 2           |             | <u></u>     | <           |             |                                       |             |             | Ļ           |             | 7     | 2.6                   |
| CALM                   | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$                           | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 4.1   | -                     |
| 1                      | 9.3         | 21.9        | 30.5        | 24.4        | 6.7         | 2.7         | 2                                     | . 2         |             | 1           |             | 100.0 | 9.2                   |

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         | KYI IAP      |                | HONSHU |         |         | 47      | -54,56  |             | ÷72          |  |      |       | VOV                                   |
|-------------------------|--------------|----------------|--------|---------|---------|---------|---------|-------------|--------------|--|------|-------|---------------------------------------|
|                         |              |                |        |         | ALL W   | EATHER  |         |             |              |  |      | 210   | 0-2300                                |
|                         | •            |                |        |         | CL      | A98     |         |             |              |  |      | HOURS | ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( |
|                         |              |                |        |         | COM     | DITION  |         |             |              |  |      |       |                                       |
| SPEED<br>(KNTS)<br>DIR. |              | 4.6            | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 40       | 41 - 47      | 48 - 55  | ≥ 56 | %     | MEAN<br>WIND<br>SPEED                 |
| N                       |              | 8 3.3          | 7.1    | 5.7     | 2.1     | .7      |         |             |              | <del> </del>                                     |      | 19.6  | 10.7                                  |
| NNE                     | <del></del>  |                |        | 4.7     | . 8     |         |         |             |              | <del>   </del>                                   |      | 11.5  | 10.9                                  |
| NE                      |              | 2 .5           |        |         |         |         |         |             | <del> </del> |  |      | 4.3   | 10.3                                  |
| ENE                     | -            |                | .8     |         | . 2     |         |         |             |              | <del>                                     </del> |      | 2.2   | 9.5                                   |
| E                       |              | <del></del>    |        | • 3     | - 6 6   | •1      |         |             | <del></del>  |  |      | 2.4   | 4 6                                   |
| ESE                     |              |                |        |         |         | - • •   |         |             |              |  |      | 1.2   | 5 2                                   |
| SE                      |              | 2 .9           |        | • •     | .1      |         |         |             | <u> </u>     | <del>                                     </del> |      | .8    | 7,5<br>5,3<br>6,0<br>6,9              |
| SSE                     |              | 1 .1           | 1      | .1      |         |         |         |             | <del> </del> | 1  |      | . 4   | 4 0                                   |
| 5                       |              |                |        | • 1     | . 1     |         |         |             | <del> </del> | <del>  </del>                                    |      | 1.0   | 8.4                                   |
|                         |              | 1 .5           |        | • £     | .3      | .3      |         |             | <del> </del> | <del>                                     </del> |      | 2.2   | 120                                   |
| SSW                     | <del> </del> | 2 .2           |        | • 6     |         |         |         |             |              | <del> </del>                                     |      | 1.6   | 10 3                                  |
| SW                      |              | 5 .7           | • •    |         |         |         |         |             | <del></del>  |  |      | 1.9   |                                       |
| WSW                     | 1.           |                |        |         |         |         |         |             | <b></b>      | <del> </del>                                     |      |       |                                       |
| W                       |              | 5 2.6          |        |         |         |         |         | <del></del> |              |  |      | 4.6   | 4.4                                   |
| WNW                     |              |                |        | - 1     |         |         |         | <del></del> |              | <del> </del>                                     |      | 7.0   |                                       |
| NW<br>WHM               | 1,           | 5 4.8<br>2 4.9 |        |         | 2.1     | 1.1     | .2      | ļ           | <del> </del> | <del>  </del>                                    |      | 23.5  | 10.7                                  |
|                         |              |                |        |         |         |         |         |             |              |  |      |       | 1 17 . 71                             |

TOTAL NUMBER OF OBSERVATIONS 1646

100.0

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311  | TOKYT IAP JAPAN/HONSHU | 46-54,56-60,67 | -72DEC      |
|--------|------------------------|----------------|-------------|
| ROTATE | STATION NAME           | t              | TEARS MONTH |
|        |                        | ALL WEATHER    | 0000=0200   |
|        |                        | CLASS          | HOURS (LST) |
|        |                        |                |             |
|        |                        | CONDITION      |             |
|        |                        |                |             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6  | 7 - 10      | 11 - 16 | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|--------|-------------|---------|-------------|----------|-------------|-------------|---------|---------|-----|-------|-----------------------|
| N                       | . 9         | 3.5    | 5.6         | 6.4     | 1.3         | .3       | • 1         |             |         |         |     | 18.1  | 10.1                  |
| NNE                     | . 4         | .6     | 2.0         | 2.5     | •1          |          |             |             |         |         | i   | 3.6   | 9.8                   |
| NE                      | . 2         | . 5    | 1.0         | , 6     |             |          |             |             |         |         |     | 2,2   | 8.                    |
| ENE                     | . 1         | . 1    | •1          | . 1     |             |          |             |             |         |         |     | . 3   | 8,4                   |
| E                       | . 1         |        | .1          |         |             |          |             |             |         |         |     | . 1   | 6.0                   |
| ESE                     |             | . 2    | . 1         |         |             |          |             |             |         |         |     | . 3   | ?,;                   |
| SE                      | . 1         | . 1    | 1           |         |             |          |             |             |         |         |     | 5     | 4.                    |
| SSE                     | . 2         | . 1    |             |         |             |          |             |             |         |         |     | . 2   | 3.                    |
| S                       | . 2         | . 2    | • 1         | 1       | . 1         |          |             | Ī           |         |         |     | . 6   | 7.3                   |
| ssw                     | . 3         | . 2    | .3          | - 4     | 1           | . 2      |             |             |         |         |     | 1.4   | 11,0                  |
| sw                      | . 7         | . 5    | 1.1         | 1.1     | - 4         | 1        |             |             |         |         |     | 5.8   | 10.                   |
| wsw                     | 8           | 1.2    | . 8         | . 4     | 1           |          |             |             | i       |         |     | 3.3   |                       |
| W                       | 2,3         | 8.5    | . 6         |         |             |          |             |             |         |         |     | 5.6   | 4.3                   |
| WNW                     | 2,4         | 5.5    | 1.3         | .1      | 1           |          |             |             |         |         |     | 9.3   | 4.                    |
| NW                      | 2,6         | 7.9    | 4.2         | . 9     | 3           |          |             |             |         | i       |     | 15.9  | 6.0                   |
| NNW                     | . 9         | 8.4    | 10.5        | 7.2     | 2,2         | . 7      | 1           |             |         |         |     | 30.0  | 9,                    |
| VARBL                   | . 3         | - 1    |             |         |             |          |             |             |         |         |     | . 4   | 2.3                   |
| CALM                    | $\geq \leq$ | $\geq$ | $\geq \leq$ | $\geq$  | $\geq \leq$ | $\geq 1$ | $\geq \leq$ | $\geq \leq$ | $\geq$  |         |     | 2.7   |                       |
|                         | 12.2        | 31.6   | 27.9        | 19.7    | 4.6         | 5.2      | • 1         |             |         |         |     | 100.0 | 8                     |

TOTAL NUMBER OF OBSCRYATIONS 1806

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSCIETE

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## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYG IAP JAPAN/HUNSHU | 46-54,56-60,67-72 | DEC                         |
|---------|------------------------|-------------------|-----------------------------|
| STATION | STATION NAME           | YEARS             | NONTH                       |
|         | •                      | ALL WEATHER CLASS | 0300=0500<br>HOURS (L S.T.) |
|         | <del></del>            | CONDITION         |                             |

| SPEED<br>(KNTS)<br>DIR, | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27     | 28 - 33 | 34 - 40      | 41 - 47      | 48 - 55      | ≥56          | %            | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|--------|-------------|---------|-------------|---------|--------------|--------------|--------------|--------------|--------------|-----------------------|
| N                       | 1.0   | 3.6         | 5.8    | 5.8         | 1.3     | • 3         | 1       |              |              | 1            | i            | 18.0         | 10.                   |
| NNE                     | .1    | . 8         | 3.1    | 2.6         | . 3     | • 1         |         | I — —        |              | 1            |              | 7.1          | 10.                   |
| NE                      | . 3   | .6          | 1.1    | . 4         |         |             |         |              |              |              |              | 2.4          | 7.                    |
| ENE                     | . 1   |             | . 3    |             |         |             |         |              |              |              |              | . 4          | 7,                    |
| Ę                       | 1     | . 2         |        |             |         |             |         |              |              |              |              | . 3          | 4.                    |
| ESE                     |       |             |        |             |         |             |         |              |              | <u></u>      |              |              |                       |
| SE                      |       |             |        |             |         |             |         |              |              | ļ            |              |              |                       |
| SSE                     |       |             |        | <del></del> |         |             |         |              | ļ            |              |              | 2            | 40                    |
| S                       | . 2   |             | . 1    | 1           |         | - 1         |         |              | <u> </u>     | <u> </u>     |              |              | S.                    |
| SSW                     | , 1   | 2           | 3      |             | . 2     |             |         |              |              | ļ            |              | 1.2          | <u> </u>              |
| sw                      | , 6   |             | 6      | 8.          | . 4     | 2           |         | ļ            |              | ļ            |              | 3.5          | 7.                    |
| WSW                     | 1,4   | 1.2         | 7      | 3           |         |             |         |              | ļ            | ļ            |              | 3.5          | 5.                    |
| w                       | 2,9   | 2.4         |        |             |         |             |         | ļ            | ļ            | ļ            | ļ            | <u>\$•</u> U |                       |
| WNW                     | 2,4   | 4.4         | 9      |             |         |             |         | <del> </del> | ļ            | ļ            |              | 7,5          | <u> </u>              |
| NW                      | 2.1   | 8.2         | 3.8    |             |         | 1           |         |              | <del> </del> | ļ            |              |              |                       |
| NNW                     | 5.0   | 7.0         | 11.0   | 6.0         | 2.0     |             |         | <u> </u>     | ļ            | ļ            | <del> </del> | 28.8         | 9.4                   |
| VARSL                   | و و   | <u> </u>    |        |             |         |             |         |              | $\leftarrow$ | $\leftarrow$ | $\leftarrow$ | - 3          | 2.0                   |
| CALM                    |       | $\geq \leq$ | > <    | > <         | $\leq$  | $\geq \leq$ | $\geq$  |              |              |              |              | 3.9          |                       |
|                         | 14,1  | 29.9        | 28.3   | 17.5        | 4,6     | 1.5         |         |              |              |              |              | 100.0        | 7.                    |

TOTAL NUMBER OF OBSERVATIONS 1814

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| SPEED<br>(KNTS)<br>DIR, | 1 - 3 | 4 - 6       | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|-------------|---------|---------|---------|-------------|---------|---------|-------------|-----|-------|-----------------------|
| N                       | 1.1   | 3.6         | 5.8         | 5.4     | 1.3     | • 2     |             | T       |         |             |     | 17.4  | 9.                    |
| NNE                     | . 2   | 1.3         | 2.6         | 2.4     | . 3     | • 2     |             |         |         | <del></del> |     | 7.1   | 10.                   |
| NE                      | . 2   | .7          | . 6         | . 4     |         |         |             |         |         |             |     | 1.9   | 7,                    |
| ENE                     | . 1   | . 3         | . 1         | . 1     |         |         |             |         |         |             |     | . 6   | 6.                    |
| E                       | . 2   | -1          |             |         |         |         |             |         | 1       |             |     | . 2   | 2.                    |
| ESE                     |       | . 1         | . 1         | • 1     |         |         |             |         | i       |             |     | . 3   | 5.                    |
| SE                      |       | .1          |             |         |         |         |             |         |         |             |     | . 1   | 4.                    |
| SSE                     | . 2   |             |             |         |         |         |             |         | i       |             |     | . 3   | 3,                    |
| S                       | . 2   | 1           |             | • 1     |         | • 1     | • 1         |         |         |             |     | . 5   |                       |
| ssw                     | , 3   | • 1         | . 3         | .6      | .1      | • 1     |             |         |         |             |     | . 4   | 10.                   |
| sw                      | .6    | . 4         | . 6         | .7      | . 3     | • 2     |             |         |         |             |     | 2.8   | 10,                   |
| wsw                     | 2.0   | 1.9         | .6          | , 6     | . 1     |         |             |         | i       |             |     | 5.1   | 5.                    |
| w                       | 3,2   | 3.1         | . 2         | , 2     |         |         |             |         |         |             |     | 6.6   | 4,                    |
| WNW                     | 3.1   | 4.2         | . 8         |         |         |         |             |         |         |             |     | 8.1   | 4.                    |
| NW                      | 3,2   | 5.9         | 3.8         | . 6     | . 4     | • 2     |             |         |         | T           |     | 14.1  | 6.                    |
| NNW                     | 2.4   | 6.7         | 10.1        | 6.5     | 1.7     | • 9     |             |         |         |             |     | 28.3  | 9.                    |
| VARBL                   | . 4   | .1          |             |         |         |         |             |         |         |             |     | . 5   | 2,                    |
| CALM                    |       | $\geq \leq$ | $\geq \leq$ | $\geq$  | $\geq$  | $\geq$  | $\geq \leq$ | $\geq$  | $\geq$  | $\boxtimes$ |     | 4.7   |                       |
|                         | 17.3  | 28.6        | 25.5        | 17.7    | 4.3     | 1.8     | • 1         |         |         |             |     | 100.0 | 7,                    |

TOTAL NUMBER OF OBSERVATIONS 1797

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43311 TOKYD IAP JAPAN/HONSHU 46=54,56=60,67=72

STATION STATION NAME

ALL WEATHER

CONDITION

CONDITION

CONDITION

DEC

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| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40  | 41 - 47  | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|----------|--|----------|-----|-------|-----------------------|
| N                       | 2.2         | 5.2         | 8.4         | 6.0         | 1.6         | •6      | • 1         |          | <del>                                     </del> |          |     | 24.2  | 9.6                   |
| NNE                     | 1.0         | 3.3         | 3.2         | 2.8         | .6          |         |             |          | 1  |          | 1   | 10.8  | 8.6                   |
| NE                      | 1.1         | 1.7         | 1.4         | . 5         |             |         |             |          | ]  |          |     | 4.7   | 6,4                   |
| ENE                     | .6          | 1.1         | . 6         | . 1         |             |         |             |          |  |          |     | 2.4   | 5.2                   |
| E                       | . 8         | 1.1         | . 2         |             |             |         |             |          |  |          |     | 2.0   | 3,9                   |
| ESE                     | . 5         | . 5         | ,1          |             |             |         |             |          |  |          |     | 1.0   | 3,7                   |
| SE                      | . 3         | 2           | 1           |             |             |         |             |          |  |          |     | . 7   | 4.0                   |
| SSE                     | . 4         | • 9         | 1           |             |             |         |             |          |  |          |     | 1.4   | 4,4                   |
| S                       | . 3         | . 6         | 3           | 1           | 1           | 1       |             |          |  |          |     | 1.5   | 8.5                   |
| SSW                     | . 1         | . 2         | , 2         | . 6         | 5           | . 1     | • 1         |          |  |          |     | 1.8   | 14.5                  |
| SW                      | . 5         | .7          | 1.1         | . 8         | . 4         | . 2     |             |          |  |          |     | 3.7   | 10.4                  |
| wsw                     | . 4         | . 8         | . 9         | . 3         | 1           |         |             |          |  |          |     | 2.5   | 7,5                   |
| W                       | 1,2         | . 8         | 3           | 1           |             |         |             |          |  |          |     | 2.4   | 4.4                   |
| WNW                     | 8           |             | 5           |             |             |         |             |          |  |          |     | 2.1   | 4.9                   |
| NW                      | 2,1         | 3.2         | 2.3         | 1.2         | , 2         |         | • 1         |          | <u></u>  |          |     | 9.3   | 7,3                   |
| NNW                     | 1.7         | 3.9         | 7.3         | 6.1         | 3,3         | 1.4     |             |          |  |          |     | 23.8  | 11.1                  |
| VARBL                   | , 9         | . 2         |             |             |             |         |             |          |  |          |     | 1.1   | 2,7                   |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq <$ | $\geq <$   | $\geq <$ | ><  | 4.5   |                       |
|                         | 14.9        | 25.1        | 27.0        | 18.5        | 6.8         | 2.7     | , 3         |          | .1   |          |     | 100.0 | 8.4                   |

TOTAL NUMBER OF OBSERVATIONS

1772

USAFETAC  $\frac{\text{form}}{\text{JUL 64}}$  0-8-5 (OL-A) previous editions of this form are obsolute

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### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

43311 TUKYU TAP JAPAN/HUNSHU 46-54,56-60,67-72 DEC

STATION STATION NAME

ALL WEATHER

CONDITION

CONDITION

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|-------------|-------------|-------------|----------|-------------|-----|-------|-----------------------|
| и                       | .7    | 2.9   | 5.4    | 5.8     | 1.8     | •6          | •1          | .1          |          |             |     | 17.3  | 11,0                  |
| NNE                     | .9    | 2.7   | 4.1    |         | . 2     |             |             |             |          |             |     | 10.2  | 8.2                   |
| NE                      | 1.2   | 5.4   |        | . 8     | . 1     |             |             |             |          |             |     | 10.5  | 6,4                   |
| ENE                     | 1.2   | 5.0   | 2.3    | . 1     |         |             |             |             |          |             |     | 8.5   | 5,                    |
| E                       | 1.4   | 5.4   | 2.1    |         |         |             |             |             |          |             |     | 8,9   | 5,3                   |
| ESE                     | .8    | 4.0   | . 8    |         |         |             |             |             |          |             |     | 5,6   |                       |
| SE                      | .2    | 2.1   | 1.5    |         |         |             |             |             |          |             |     | 3,8   | 6,1                   |
| SSE                     | . 4   | 2.4   | 1.2    | . 2     |         |             |             |             |          |             |     | 4.2   |                       |
| S                       | . 2   | 1.1   | 1.6    | . 4     | . 2     | •           |             |             |          |             |     | 3,5   | 8,8                   |
| ssw                     | 5.    | 3     | . 8    | . 9     | . 9     | . 2         | 1           | • 1         | . 1      |             |     | 3.7   | 14.5                  |
| sw                      | . 1   | .1    | .6     | 1.0     | 1.1     | . 3         | . 2         |             |          | <u> </u>    |     | 3,4   |                       |
| wsw                     |       | 1     | 2      | .2      | 3       |             | 1           |             |          |             |     | , 9   | 13.                   |
| w                       | . 1   | . 3   |        | 2       | 1       |             |             |             | <u> </u> | L           |     | . 7   | 8,0                   |
| WNW                     |       | . 1   | 2.     | . 2     | . 2     |             |             |             |          | <u> </u>    |     | 7     | 11.                   |
| NW                      | . 2   | . 3   |        | 1.2     | , 5     | • 2         | • 1         |             |          |             |     | 3,2   | 13.1                  |
| NNW                     | . 3   | . 9   |        | 4.2     | 2.3     | 1.7         | . 2         |             |          |             |     | 12,5  |                       |
| VARBL                   | . 3   | . 2   |        |         |         |             |             |             |          |             |     | . 5   | 2.5                   |
| CALM                    | ><    | ><    | ><     | ><      | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ | ><  | 1.8   |                       |
|                         | 8.0   | 33.3  | 27.7   | 17,5    | 7.6     | 3.1         | .7          | .2          | . 1      |             |     | 100.0 | 9.0                   |

TOTAL NUMBER OF OBSERVATIONS 1793

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH SURFACE WINDS ETAC/USAF AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 43311 STATION TUKYC IAP JAPAN/HONSHU 46-54,56-60,67-72 ALL WEATHER SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 11.4 4.5 4.5 2.2 14.9 N 2.2 9.9 NNE 2.2 3.1 2.5 3.3 3.2 9.1 NE 1.0 ESE 3.6 SE 3.0 5.0 SSE S 1.8 5.0 5.3 SSW SW WSW w WNW 3.3 NW 1.0 NNW VARBL 100.0

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCIETE

TOTAL NUMBER OF OBSERVATIONS

1786

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 3311<br>STATION | TUK                     | O IAP | JAPAN/ |        |         |         | 46      | -54,56  |         | 1-72         |             |         |      | DEC                   |
|-----------------|-------------------------|-------|--------|--------|---------|---------|---------|---------|---------|--------------|-------------|---------|------|-----------------------|
|                 |                         |       |        |        |         |         | EATHER  |         |         |              |             |         |      | 0=2000                |
|                 |                         | _     |        |        |         |         | DITION  |         |         |              | <u>-</u>    |         |      | ,                     |
| Ī               | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47      | 48 - 55     | ≥56     | %    | MEAN<br>WIND<br>SPEED |
| Γ               | N                       | 1.3   | 3.0    | 4.7    | 4.7     | 3.0     | • 8     |         |         |              |             |         | 17.6 | 11.3                  |
| Ţ               | NNE                     | .6    | 1.8    | 2.3    | 1.6     | .4      | •1      | .1      |         |              | <b></b>     | <u></u> | 6.9  |                       |
| 1               | NE                      | 1.1   | 1.4    | 2.0    | 1.2     | .1      |         |         |         | <del> </del> | <del></del> |         | 5.8  | 7.7                   |
| ľ               | ENE                     | .3    | 1.2    | . 9    |         | . 2     |         |         |         |              |             |         | 3.0  |                       |
| ľ               | E                       | .8    | 1.2    | 1.3    | . 4     |         |         |         |         |              |             |         | 3.7  |                       |
| Ī               | ESE                     | .3    |        | 1.1    |         |         |         |         |         | 1            | 1           | 1       | 3.6  |                       |
| Ī               | SE                      | . 5   | 1.1    | .9     |         |         |         |         |         |              |             |         | 2.5  |                       |
| ſ               | SSE                     | .4    |        | . 4    |         |         |         |         |         |              |             |         | 2,2  |                       |
| r               | -                       |       | • (1)  |        | ~       |         |         |         |         |              |             |         | 9 4  |                       |

| N     | 1.3  | 3.0         |          |             | 3.0    | • 8         |             | l        |                     |  | 17.6  |                   |
|-------|------|-------------|----------|-------------|--------|-------------|-------------|----------|---------------------|--|-------|-------------------|
| NNE   | .6   | 1.8         |          |             |        | • 1         | •1          |          |                     |  | 6.9   | 9.1               |
| NE    | 1.1  | 1.4         | 2.0      | 1.2         | .1     |             |             |          | Ţ                   |  | 5,8   | 7.7               |
| ENE   | .3   | 1.2         |          | . 4         | . 2    |             |             |          |                     |  | 3.0   | 7,8               |
| E     | .8   | 1.2         | 1.3      | . 4         |        |             |             |          |                     |  | 3.7   | 6,4               |
| ESE   | .3   | 2.0         | 1.1      | . 2         |        |             |             |          |                     |  | 3.6   | 6,3               |
| SE    | .5   | 1.1         | . 9      | . 1         |        |             |             |          |                     |  | 2,5   | 6.0               |
| SSE   | .4   | 1.2         | . 4      | . 2         |        |             |             |          |                     |  | 2,2   | 5,4               |
| S     | .5   | 1.0         | .6       |             | . 2    |             |             |          |                     |  | 2,6   | 7.1               |
| ssw   | .4   | . 4         | . 9      | . 8         |        | • 1         |             |          |                     |  | 3,5   | 11.6              |
| sw    | . 5  | . 8         | . 8      | 1.2         | . 6    | • 1         |             |          |                     |  | 4.0   | 10,2              |
| wsw   | , 5  | 1.2         | 1.2      | .7          | 1      |             |             |          |                     |  | 3.7   | 7.6               |
| w     | .7   | 1.5         | .7       | . 2         |        |             |             |          |                     |  | 3.0   | 5,3<br>5,8<br>7,7 |
| WNW   | . 6  | 1.9         | . 8      |             | . 1    |             |             |          |                     |  | 3.5   | 5,8               |
| NW    | 1,2  | 2.7         |          | . 9         |        | • 1         | , 1         |          |                     |  | 7.2   | 7,7               |
| NNW   | 1.5  | 3.7         | 5.6      | 5.9         | 1.8    | .9          | . 2         |          |                     |  | 19.6  |                   |
| VARBL | .6   | .1          |          |             |        |             |             |          |                     |  | , 7   | 2,1               |
| CALM  |      | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | $\supset \subseteq$ |  | 6.8   |                   |
|       | 11.9 | 26,3        | 26.0     | 18.9        | 7,8    | 2.1         | . 3         |          |                     |  | 100.0 | 8.3               |

TOTAL NUMBER OF OBSLEVATIONS 1790

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311   | TOKYE TAP JAPAN/HUNSHU | 46-54,5     | 6-60,67-72 | DEC            |
|---------|------------------------|-------------|------------|----------------|
| STATION | STATION NAME           |             | YEARS      | MONTH          |
|         |                        | ALL WEATHER |            | _2100=2300     |
|         |                        | CLASS       |            | HOURS (L S.T.) |
|         |                        |             |            |                |
|         |                        | CONDITION   |            |                |

| SPEED<br>(KNTS)<br>DIR | 1 - 3    | 4 - 6    | 7 - 10   | 11 - 16 | 17 - 21  | 22 - 27  | ?8 · 33     | 34 - 40     | 41 - 47  | 48 - 55 | ≥50 | %     | MEAN<br>WIND<br>SPEED |
|------------------------|----------|----------|----------|---------|----------|----------|-------------|-------------|----------|---------|-----|-------|-----------------------|
| N                      | . 8      | 3.4      | 4.6      |         | 2,1      | .6       | •1          |             |          |         |     | 16.9  | 10.                   |
| NNE                    | .3       | 1.3      | 2.3      | 2.4     | .3       |          |             |             |          |         |     | 6.6   | 9.                    |
| NE                     | . 1      | .6       |          | 1.1     |          |          |             |             |          |         |     | 2.9   | 9,                    |
| ENE                    | . 1      | . 3      |          | . 2     |          |          |             |             |          |         |     | . 7   | 7.                    |
| E                      | . 1      | 7        | , 5      | . 2     |          |          |             |             |          |         |     | 1.4   |                       |
| ESE                    | , 3      | . 4      |          |         |          |          |             |             |          |         |     | 9     | 5.0                   |
| SE                     | . 2      | 3        | . 3      |         |          |          |             |             |          |         |     | , 9   | 5,6                   |
| SSE                    | , 1      | . 2      |          |         |          |          |             |             |          |         |     | . 4   | 3.                    |
| S                      | , 2      | . 5      |          | .2      | . 2      |          |             |             |          |         |     | 1.3   | 8.                    |
| ssw                    | , 2      | . 3      | .5       | . 8     | . 3      | . 1      |             |             |          |         |     | 2.2   | 10.                   |
| sw                     | . 7      | . 8      | .7       | . 9     | . 3      | . 2      |             |             |          |         |     | 3.6   | 9.                    |
| wsw                    | , 6      | 1.7      | . 9      | . 7     | , 1      |          |             |             |          |         |     | 3.9   | 7,                    |
| w                      | 1.6      | 3.4      | . 6      |         |          |          |             |             |          |         |     | 5.6   | 4.                    |
| WNW                    | 1.4      | 5.8      | 1.3      | . 1     |          |          |             |             |          |         |     | 8.5   | 5.0                   |
| NW                     | 2.3      | 7.4      | 4.7      | 1.7     | . 4      |          |             |             |          |         |     | 16.6  | 6.9                   |
| NNW                    | 1.3      | 5.7      | 8.8      | 6.8     | 9        | - 4      |             | l           |          |         |     | 23.9  | 9.4                   |
| VARBL                  | 3        | . 1      |          |         |          |          |             |             |          |         |     | . 4   | 2.0                   |
| CALM                   | $\geq <$ | $\geq <$ | $\geq <$ | ><      | $\geq <$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ |         |     | 3.1   |                       |
|                        | 10.5     | 32.4     | 27.1     | 20.3    | 4.6      | 1.4      | . 1         |             |          |         |     | 100.0 | 8.                    |

TOTAL NUMBER OF OBSERVATIONS 1800

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 43311<br>STATION | TOKYU IAP JAPAN AHUNSHU 46-60,68-69,71-72        | ALL          |
|------------------|--|--------------|
|                  | INSTRUMENT                                       | ALL          |
|                  | CLASE  | HOURS (LST.) |
|                  | CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,       |              |
|                  | CONDITION  |              |
|                  | AND/UR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT UR MORE |              |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40  | 41 - 47 | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|----------|---------|---------|----------|-------------|----------|---------|-------------|-----|-------|-----------------------|
| N                       | 1.3   | 3.7         | 5.6      | 4.4     | 1.5     | • 6      | • 1         | •0       |         | • 0         |     | 17.2  | 10.1                  |
| NNE                     | . 8   | 2.8         |          | 3.2     | 1.0     | . 3      | •0          | •0       | .0      |             |     | 12.1  | 9,9                   |
| NE                      | . 8   | 2.0         | 2.3      | 1.7     | . 4     | • 1      | 0           | • 0      |         |             |     | 7,3   | 8.8                   |
| ENE                     | .4    | 1.0         | 1.0      | .7      | . 1     | • 0      | 5.0         |          |         |             |     | 3.2   | 8.2                   |
| E                       | . 5   | 1.0         | . 5      | . 2     | •0      | • 0      | •0          | •0       |         |             |     | 2.2   | 6.3                   |
| ESE                     | .2    | .6          | . 4      | . 1     | .0      | • 0      | •0          | .0       |         | .0          | •0  | 1.4   | 7,3                   |
| SE                      | .3    | .6          | . 4      | . 1     | .0      | • 0      | •0          | •0       |         |             |     | 1.6   | 7,1                   |
| SSE                     | . 3   | . 8         | 5        | . 2     |         | . 1      | •0          | •0       | •       |             |     | 2.0   | 8,3                   |
| 5                       | . 4   | 7           | .7       | , 6     |         | • 1      | • 0         | ,0       | .0      | • 0         |     | 2,8   | 10.2                  |
| ssw                     | . 4   | 5           | . 5      | . 4     | . 2     | , i      | • 1         | .0       | •       |             |     | 2,2   | 10.3                  |
| sw                      | .6    | 7           | .2       | . 1     | .0      |          | • 0         | •0       |         |             |     | 1.6   | 5.0                   |
| wsw                     | , 9   | 9           | • 1      | • 0     |         |          |             | •0       |         |             |     | 1.9   | 4,2                   |
| w                       | 1.6   | 1.7         | 3        | • 0     | 0       | 0        | •0          |          |         |             |     | 3.6   | 4,1                   |
| WNW                     | 1,2   | 2,5         | . 6      | . 1     | 0       |          | ,0          |          |         |             |     | 4.4   | 4.9                   |
| NW                      | 1.9   | 4.4         | 2.6      | 1.1     | . 3     | - 1      | <u>.</u> Q  |          |         |             |     | 10.4  | 7.0                   |
| NNW                     | 1.3   | 4.6         | 5,6      | 4,5     | 1.5     | .7       | . 1         | •0       | •0      |             |     | 18.4  | 10.1                  |
| VARBL                   | .2    | ,1          |          |         |         |          |             |          |         |             |     | , 3   | 2,4                   |
| CALM                    | ><    | $\geq \leq$ | $\times$ | $\geq$  | ><      | $\times$ | $\geq \leq$ | $\geq <$ | > <     | $\geq \leq$ |     | 7.4   |                       |
|                         | 13.0  | 28.5        | 25.2     | 17,4    | 5,6     | 2,4      | . 4         | .1       | •0      | • 0         | .0  | 100.0 | 8.0                   |

TOTAL NUMBER OF OBSERVATIONS 28793

USAFETAC FORM TUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ......

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

### PART D

### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING          |        |             |     |     |      |         | VIS  | SIBILITY (S | TATUTE MI | LES)   |     |     |       |        |         |       |
|------------------|--------|-------------|-----|-----|------|---------|------|-------------|-----------|--------|-----|-----|-------|--------|---------|-------|
| (FEET)           | ≥ 10   | <b>4≥</b> 6 | ≥ 5 | ≥ 4 | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 1 1/2     | ≥ 1%      | ≥ 1    | ≥ ¾ | ≥ % | ≥ 1/2 | ≥ 5/16 | ≥ 1/4   | ≥ 0   |
| NO CEILING       | $\sim$ |             |     |     | ~    |         |      |             |           | $\leq$ |     |     |       |        | <u></u> |       |
| ≥ 1800<br>≥ 1500 |        |             |     |     | 91.0 |         |      |             |           |        |     |     |       |        |         | 92.6  |
| ≥ 1200<br>≥ 1000 |        |             |     |     |      |         |      |             |           |        |     |     |       |        |         |       |
| ≥ 900<br>≥ 800   |        |             |     |     |      |         |      |             |           |        |     |     |       |        |         |       |
| ≥ 700<br>≥ 600   |        |             |     |     |      |         |      |             |           |        |     |     |       |        |         |       |
| ≥ 500<br>≥ 400   |        |             |     |     |      |         |      |             |           | 97.4   |     |     |       | i ——   |         | 98.1  |
| ≥ 300<br>≥ 200   |        |             |     |     |      |         |      |             |           |        |     |     |       |        |         |       |
| ≥ 100<br>≥ 0     |        |             |     |     | 95.4 |         | 96.9 |             |           | 98.3   |     |     |       |        |         | 100,0 |

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq$  0. For instance, from the table: Ceiling  $\geq$  1500 feet = 92.6%. Ceiling  $\geq$  500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq$  0. From the table: Visibility  $\geq$  3 miles = 95.4%. Visibility  $\geq$  2 miles = 96.9%. Visibility  $\geq$  1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq$  1500 feet with visibility  $\geq$  3 miles = 91.0%.

S74 29963

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6 4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

D - 3

S74 29964

## CEILING VERSUS VISIBILITY

43311

TIRKYL JAP JAPAN/HUNSHU 46-60,68-69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                |     |              |                      |               |              |                  | VIS          | IBILITY ST   | ATUTE MIL    | ŧs.          |              |              |              |              |              |              |
|------------------------|-----|--------------|----------------------|---------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEE1                   | ≥10 | ≥ 6          | ≥ 5                  | <b>&gt;</b> 4 | ≥3           | ≥2 ·             | ≥ 2          | ≥11.         | ≥1.          | ≥1           | ≥ 4          | ≥ '•         | 2            | ≥5 16        | ≥ .          | ≥0           |
| NO (EILING<br>≥ 20000  |     | 28.5         | 30.4                 | 32.6          | 34.8         | 35.5             | 36.8<br>43.8 | 38.0<br>45.1 | 38.4         | 39.2<br>46.5 | 39.8         | 39.9         | 40.1         | 40.1         | 40.2         | 40.2         |
| ≥ 18000<br>≥ 16000     |     | 34.5         | 36.8<br>37.2         | 39.4          | 41.9         | 42.8             | 44.4         | 45.7         | 46.1         | 47.1         | 47.8<br>48.3 | 47.9         | 48.2         | 48.2<br>48.7 | 48.2         | 48.3<br>48.3 |
| ≥ 14000<br>≥ 12000     |     | 36,3         | 38.8<br>41.1         | 41.5          | 44.1         | 45.1<br>47.8     | 46.7         | 48.1<br>51.1 | 48.6         | 49.6         | 50.4<br>53.5 | 50.5         | 50.7<br>53.8 | 50.8<br>53.9 | 50.8         | 50.9<br>54.0 |
| ≥ 10000<br>≥ 9000      |     | 40.7         | 43.4                 | 46.6          | 49.5<br>50.6 | 50.6<br>51.7     | 52.5<br>53.7 | 54.1<br>55.3 | 54.6<br>55.8 | 55.8<br>57.0 | 56.6<br>57.9 | 56.7<br>58.0 | 57.0<br>58.3 | 57.1<br>58.3 | 57.1<br>58.4 | 57.1<br>58.4 |
| ≥ 9000<br>≥ °000°<br>≤ |     | 45.0         | 46.3<br>48.1         | 49.7          | 52.8<br>54.8 | 54.0<br>56.0     | 56.0<br>58.1 | 57.7<br>59.8 | 58.3<br>60.4 | 59.5<br>61.7 | 60.3         | 60.5         | 60.8         | 60.8         | 60.9         |              |
| ≥ 6000<br>≥ 5000       |     | 46.9         | 50 · 2<br>53 · 1     | 53.9<br>57.0  | 57.2<br>60.5 | 58 • 4<br>61 • 8 | 64.1         | 62.4         | 63.0         | 64.4         |              | 65.4         | 65.7         | 65.7         | 65.8         | 65.8<br>69.5 |
| ≥ 4500<br>≥ 4000       |     | 51.2         | 54.7<br>57.5         | 58.7          | 62.2         | 63.6             | 55.9<br>69.3 | 67.8         | 68.5         | 69.9         | 70.8         | 71.0         | 71.3         | 71.3         | 71.4         | 71.4<br>75.1 |
| ≥ 3500<br>≥ 3000       |     | 55.5<br>57.3 | 59.3<br>61.3         | 63.6          | 67.5         | 69.0             | 71.5         | 73.6         | 74.3         | 75.8<br>78.4 | 76.8<br>79.5 | 76.9         | 77.3         | 77.3         | 77.4         | 77.4         |
| ≥ 2500<br>≥ 2000       |     | 58.9         | 63.0                 | 67.7          | 71.9         | 73.5             | 76.2<br>78.9 | 78.5<br>81.3 | 79.2         | 80.8<br>83.7 | 81.9<br>84.8 | 85.0         | 82.4         | 82.4         | 82.5         | 82.5<br>85.5 |
| ≥ 1800<br>≥ 1500       |     | 61.2         | 65.7                 | 70.6          | 75.1         | 76.8<br>78.6     | 79.7<br>81.7 | 82.1         | 82.8<br>85.0 | 84.5         | 85.6<br>87.8 | 85,8<br>88.0 | 86.1<br>88.4 | 86.2<br>88.4 | 86.3         | 86.3<br>88.6 |
| ≥ 1200<br>≥ 1000       |     | 64.4         | 68.3                 | 73,7          | 78.5         | 60.3<br>61.8     | 83.5<br>85.1 | 86.1         | 87.0<br>88.7 |              | 89.9<br>91.8 |              | 90.4         | 90.5<br>92.4 | 90.6         | 90.6         |
| ≥ 900<br>≥ 800         |     | 64.8         | 69.8<br>70 <b>.5</b> | 75.4          | 80.5         | 82.4             | 85.8<br>87.0 |              |              | 91.3         | 92.6         | 92.7         | 93.1         | 93.2         | 93.3         | 93.3         |
| ≥ 700<br>≥ 600         |     | 65.8         | 71.0<br>71.5         | 76.8<br>77.5  | 82.2<br>83.1 | 84.3             | 87.9<br>89.0 |              | 91.7         | 93.7         | 95.0<br>96.4 | 95.2         | 95.6         | 95.7         | 95.8         | 95.8         |
| ≥ 500<br>≥ 400         |     | 66.5         | 71.9                 | 78.0<br>78.2  | 83.7         | 85.9<br>86.2     |              |              | 94.0         |              | 97.6         |              | 98.2         | 98.3         | 98.4         | 98.5         |
| ≥ 300<br>≥ 200         |     | 66.6         |                      | 78.3<br>78.3  | 84.1         | 86.4             | 90.4         | 93.8         |              | 97.1         | 98.6<br>98.8 |              | 99.3         | 99.4         | 99.5         | 99.6         |
| ≥ 100<br>≥ 0           |     | 66.6         | 72.1                 |               | 84.1         | 86.4             | 90.5         |              |              | 97.2         | 93.8         | 99.0         |              | 99.6         | 99.8         |              |

TOTAL NUMBER OF OBSERVATIONS

127244

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HONSHU 47-60,69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIUNG                     |     |                      |      |              |                      |                  | VIS                  | BILITY ST            | ATUTE MIL    | ES                   |              |                      |              |                      |              |                      |
|----------------------------|-----|----------------------|------|--------------|----------------------|------------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|
| FEET                       | ≥10 | ≥6                   | ≥ 5  | ≥ 4          | ≥3                   | ≥2'2             | ≥ 2                  | ≥1'2                 | ≥1 ₄         | ≥1                   | ≥ '₄         | 3,0                  | ≥.           | ≥5 16                | ≥.           | ≥0                   |
| NO CEILING<br>≥ 20000      |     | 38.2                 | 41.2 |              | 1                    | 49.5<br>52.7     | 51.7<br>55.1         | 54.2<br>57.8         | 54.9<br>58.6 | 56.8<br>60.8         | 58.2<br>62.4 | 58.5<br>62.7         | 59.1<br>63.3 | 59.1<br>63.3         | 59.2<br>63.5 | 59.2<br>63.5         |
| ≥ 18000<br>≥ 16000         |     | 40.6                 |      | 47.9<br>48.1 | 51.7<br>51.9         | 52.9<br>53.1     | 55.4<br>55.6         | 58.1<br>58.3         | 58,9<br>59,2 | 61.1                 | 62.8<br>63.0 | 63.1                 | 63.7         | 63.7                 | 63.9         | 63.9                 |
| ≥ 14000<br>≥ 12000         |     | 41.2                 |      | 48.8<br>49.6 | 52.7<br>53.7         | 53.9<br>55.0     | 56.5<br>57.8         | 59.3<br>60.7         | 60.2         | 64.5<br>64.1         | 64.2<br>65.9 | 64.5                 | 65.1<br>66.8 | 65.2<br>66.9         | 65.3         | 65.3                 |
| ≥ 10000<br>≥ 9000          |     | 42.5                 |      | 51.1         | 55.3                 | 56.0<br>56.7     | 51.9<br>54.7         |                      | 62.9<br>63.8 | 65.4                 | 67.3<br>68.2 | 67.7<br>68.5         | 68.3<br>69.2 | 69.3                 | 68.5         | 69.4                 |
| ≥ 9000<br>≥ 7000<br>≥ 6000 |     | 43.8                 | 49.0 | 52.1         | 56.4<br>58.1         | 57.9<br>59.6     | 60.9                 | 66.0                 |              | 67.7<br>69.7         | 69.6<br>71.6 | 70.0                 | 70.7         |                      | 70.9         |                      |
| ≥ 5000<br>≥ 5000<br>≥ 4500 |     | 47.5<br>50.8         | 54.8 | 56.2         | 64.9                 | 62 • 2<br>66 • 5 | 69.9                 | 73.4                 | 74.5         | 72.5                 | 79.4         | 79.7                 |              | 30.5                 | 75.9<br>80.7 | 75.9<br>80.7         |
| ≥ 4000<br>≥ 3500           |     | 52.1<br>53.8<br>54.6 |      | 63.8         | 69.0                 | 70.8             | 71.8<br>74.5<br>75.7 | 75.4<br>78.3<br>79.6 | 79.5         | 82.5                 | 84.7         | 85.1                 | 85.8         | 85.9                 |              | 82.9<br>86.1<br>87.5 |
| ≥ 3000<br>≥ 2500           |     | 55.3                 | 59.9 | 65.8         | 70.0<br>71.5<br>72.6 | 73.3             | 77.3                 | 81.4                 | 82.7         | 85.8<br>87.2         | 88.0         |                      | 89.2         | 87.3<br>89.3<br>90.8 | 89.5         | 89.5                 |
| ≥ 2000<br>> 1800           |     | 56.6<br>56.8         | 61.3 | 67.5         | 73.6                 | 75.6             |                      | 84.1                 | 85.5         | 88.7                 | 91.1         | 91.5                 |              | 92.3<br>92.9         | 92.5         | 92.5                 |
| ≥ 1500<br>≥ 1200           |     | 57.3                 | 62.2 | 68.5         | 74.8                 | 76.5             | 81.3<br>82.1         | 85.6<br>86.7         | 37.0<br>88.1 | 90.3                 | 92.8         | 93.2                 | 94.0         |                      | 94.3         | 94.3                 |
| ≥ 1000                     |     | 58.0                 |      | 69.7         | 70.1                 | 78.5             | 82.9<br>83.2         | 87.6<br>87.9         | 89.0         | 92.4                 | 94.9         | 95.3                 |              | 96.2                 | 96.4         | 96.4                 |
| ≥ 800<br>≥ 700             |     | 58.3<br>58.4         | 63.4 | 70.0         | 76.7                 | 79.0             | 83.7                 | 88.4                 | 90.4         | 93.3                 | 95.8         | 96.2                 | 97.0         | 97.1                 | 97.3         | 97.3                 |
| ≥ 600<br>≥ 500             |     | 58.6                 | 63.7 | 70.5         | 77.4                 | 79.8<br>80.3     | 25.1                 | 90.1                 | 91.6         |                      | 97.2<br>97.8 | 98.2                 | 99.1         | 99.2                 | 99.4         |                      |
| ≥ 400<br>≥ 300<br>≥ 200    |     | 58.7                 | 63.9 | 70.8         | 77.8                 | 80.3             | 83.3                 | 90.4                 | 91.9         | 95.5                 |              | 98.6                 | 99.4         | 99.5                 | 99.7         | 99.8                 |
| ≥ 100<br>≥ 0               |     | 58.7<br>58.7<br>58.7 | 63.9 | 70.8         | 77.8                 | 80.3             | 85.3                 | 90.4                 | 91.9         | 95.6<br>95.6<br>95.6 | 98.2         | 98.7<br>98.7<br>98.7 | 99.5         | 99.7                 | 99.8         |                      |

TOTAL NUMBER OF OBSERVATIONS

11001

USAF ETAC 131.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYU IAP JAPAN/HUISHU 47-60,69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIUNG                     |     |                      |                      |                      |                      |              | VIS                  | BILITY ST    | ATUTE MILI           |              |                      |              |              |              |                      |      |
|----------------------------|-----|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|--------------|--------------|----------------------|------|
| TEET                       | ≥16 | ≥ 6                  | ≥ 5                  | ≥ 4                  | ≥ 3                  | ≥2           | ≥ 2                  | ≥1 2         | ≥1'.                 | ≥1           | ≥ '₄                 | ≥ ′, ≤       | ≥ ,          | ≥ 5 16       | ≥ 4                  | ≥0   |
| NO CEILING<br>2 20000      |     | 35.4<br>38.6         | 37.9                 | 40.4                 | 43.0                 | 1            | 45.1<br>50.4         | 47.8<br>52.2 | 47.9                 | 49.3<br>54.2 | 50.3<br>55.3         | 50.4<br>55.5 | 50.8<br>55.9 | 50.9<br>56.0 |                      |      |
| ≥ 18000<br>≥ 16000         |     | 38.8<br>39.0         |                      | 44.3                 | 47.2                 | 48.5<br>48.7 | 50.8<br>51.0         |              | 53.1<br>53.3         | 54.6<br>54.9 | 55.8<br>56.0         | 55.9<br>56.2 | 56.4<br>56.6 | 56.5<br>56.7 | 56.6                 | 1    |
| ≥ 14000<br>≥ 12000         |     | 39.7                 | 42.5<br>43.7         | 45.3<br>46.7         | 48.3<br>49.7         |              | 52.1<br>53.7         |              |                      | 56.2<br>57.9 | 57.4<br>59.2         | 57.5<br>59.3 | 58.0<br>59.8 | 58.1<br>59.9 | 58.2                 |      |
| ≥ 10000                    |     | 41.7                 | 44.7                 | 47.7                 | 50.9                 | 53.2         | 55.9                 |              |                      | 59.5<br>60.5 | 51.9                 | 61.0         | 62.6         | 61.6         | 61.8                 | 62.9 |
| ≥ 8000<br>≥ 7000<br>≥ 6000 | ·   | 43.7                 | 48.9                 | 50.1<br>52.2         | 53.5<br>55.7         | 55.0<br>57.2 | 57.8<br>60.1         | 52.4         | 63.0                 | 62.5         |                      | 66.6         |              | 67.3         |                      | 67.5 |
| ≥ 5000<br>≥ 5000<br>≥ 4500 |     | 48.0<br>51.1<br>52.6 | 51.4<br>54.7         | 54.9<br>58.4         | 58.6<br>62.2         | 64.0         | 63.2<br>67.1<br>68.9 | 69.6         | 66.2<br>70.3<br>72.2 | 72.4         | 74.0                 | 74.2         | 74.8         | 70.6         | 70.8                 | 75.1 |
| 2 4000<br>2 3500           |     | 55.2                 | 56.2<br>59.1<br>60.5 | 60.1<br>63.1<br>64.7 | 64.0<br>67.3<br>69.1 | 69.1<br>70.9 | 72.4                 | 75.2         | 76.0                 |              | 79.9                 | 80.1         | 80.7         | 80.8         | 77.1<br>81.0<br>83.1 | 1    |
| ≥ 3000<br>≥ 2500           |     | 58.2<br>59.2         | 62.4                 | 66.8                 | 71.3                 | 73.2         | 76.8<br>78.4         | 79.8         | 80.7                 | 83.C         | 84.8                 | 85.0         | 85.6         | 85.8         | 86 G                 | 86.0 |
| ≥ 2000                     |     | 60.5                 | 64.9                 |                      | 74.6                 | 76.7         | 80.5<br>80.9         | 83.8         |                      | 87.2         | 89.0                 | 89.3         | 69.9         |              | 90.2                 | 90.3 |
| ≥ 1500                     |     | 61.1                 | 65.9                 | 70.9                 | 70.0                 | 78.1         |                      | 85.5         |                      | 89.0         | 90.9                 | 91.2         | 91.8         | 91.9         | 92.1                 | 92.2 |
| ≥ 1000                     |     | 62.2                 |                      | 72.3                 |                      | - V          | 84.6                 |              |                      | 91.5         | 93.4                 | 93.7         | 94.4         | 94.5         | 94.7                 |      |
| 2 700<br>2 600             |     | 62.6                 | 67.8                 | 73.1                 | 78.8                 |              | 85.7                 | 89.5         | 90.6                 |              | 95.3                 | 95.6         | 96.3         | 93.6         |                      | 96.8 |
| ≥ 500<br>≥ 400             |     | 62.8                 | 68.2                 | 73.4                 | 79.6                 | 82.1         | 86.4                 | 91.0         |                      | 95.1         | 97.3                 | 96.6         | 98.4         | 98.6         | 98.8                 | 98.9 |
| ≥ 300<br>≥ 200             |     | 62.8<br>62.8<br>62.9 | 68.2                 | 73.7                 | 79.7                 |              | 87.1<br>87.1<br>87.1 | 91.3         | 92.6                 | 95.5         | 97.6<br>97.8<br>97.8 | 98.1         | 99.0         | 99.3         | 99.5                 |      |
| ≥ 100<br>≥ 0               |     | 62.9                 | 68.2                 |                      |                      |              |                      | 91.3         | 92.6                 | 95.5         |                      | 98.1         |              | 99.4         | 99.7                 |      |

TOTAL NUMBER OF OBSERVATIONS

9922

USAF ETAC 131.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYO : AP JAPAN/HUNSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ( ST

| CEILING               |     |              |              |              |              |              | VIS          | BILITY (STA  | ATUTE MILI   | ES           |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 2         | ≥ 2          | ≥1,          | ي ا≨         | ≥1           | ≥ 14         | ≥'•          | ≥ .          | ≥5 16        | ٤.           | ≥0            |
| NO CEILING<br>≥ 20000 |     | 33.6<br>37.1 | 35.2<br>39.0 | 36.9<br>41.2 | 38.6<br>43.2 | 39.4         | 40.4<br>45.2 | 41.2<br>46.4 | 41.5<br>46.7 | 42.1<br>47.5 | 42.5<br>48.0 | 42.6<br>48.1 | 42.6<br>48.2 | 42.7<br>48.3 | 42.7<br>48.3 | 42.7          |
| ≥ 18000<br>≥ 16000    |     | 37.5<br>37.7 | 39.5         | 41.7         | 43.8<br>44.0 | 44.7         | 45.9         | 47.0<br>47.3 | 47.3         | 48.1<br>48.4 | 48.5         | 48.7         | 46.8         | 48.9         | 48.9         | 48.9          |
| ≥ 14000<br>≥ 12000    |     | 38.6         | 40.6         | 42.9         | 45.1         | 46.1         | 47.4         | 48.5<br>50.4 | 48.8<br>50.8 | 49.6         | 50.2<br>52.2 | 50.2         | 50.3<br>52.4 | 50.4<br>52.5 | 50.4<br>52.5 | 50.4          |
| ≥ 10000<br>≥ 9000     |     | 41.4         | 43.9         | 46.5<br>47.3 | 49.0<br>49.8 | 50.1<br>50.8 | 51.6<br>52.4 | 52.8<br>53.6 | 53.2<br>54.0 | 54.0<br>54.9 | 54.7<br>55.5 | 54.7         | 54.9<br>55.7 | 55.0<br>55.8 | 55.0<br>55.8 | 55.0<br>55.8  |
| ≥ 8000<br>≥ 7000      |     | 43.9         | 46.4         | 49.3<br>51.1 | 51.8<br>53.8 | 52.9         | 54.6<br>56.6 | 55.9<br>58.0 | 56.3<br>58.4 | 57.2<br>59.3 | 57.9<br>60.0 | 58.7<br>60.1 | 58.1         | 58,2<br>60,3 | 58.2<br>60.3 | 58.2<br>60.3  |
| ≥ 6000<br>≥ 5000      |     | 48.4<br>52.5 | 51.2         | 24.3<br>58.9 | 57.1         | 58.3         | 60.1<br>65.0 | 61.5         | 61.9         |              | 63.6         | 63.6         | 68.9         | 63.9<br>68.9 | 68.9         | 63.7          |
| ≥ 4500<br>≥ 4000      |     | 54.7<br>56.3 | 57.8         | 61.4         | 64.5         | 65.8         | 67.7         | 69.2         | 69.7         | 70.7         | 71.4         | 71.5         | 71.6         | 71.7         | 71.7         | 71.7<br>76.7  |
| ≥ 3500<br>≥ 3000      |     | 60.2<br>62.4 | 63.7         | 67.8         | 71.4         | 72.9         | 75.0<br>78.1 | 76.7<br>75.9 | 77.2         | 78.3         | 79.1<br>82.4 | 79.7         | 79.4         | 19.5         | 79.5         | 79.5          |
| ≥ 2500<br>≥ 2000      |     | 64.2<br>65.8 | 68.3         | 72.8         | 76.7         | 78.3         | 80.7         | 82.6<br>85.3 | 83.2         | 84.4         | 85.3<br>88.2 | 85.4         | 85.6<br>85.5 | 85.7<br>88.6 | 85.7         | 85.7<br>88.6  |
| ≥ 1800<br>≥ 1500      |     | 66.4         | 70.8         |              | 79.8         | 81.5         | 84.1         | 86.1<br>89.1 | 86.8         | 88.1         | 89.0<br>91.1 | 89.1         | 89.3         | 89.4         | 89.4         | 89.4          |
| ≥ 1200<br>≥ 1000      |     | 68.1         | 72.7         |              | 82.6         | 84.4         | 87.3<br>86.7 |              | 90.3         | 91.7         | 92.7         | 92.9         | 93.1         | 93.1         | 93.2         | 93.2          |
| ≥ 900<br>≥ 800        | -   | 69.0         | 73.8         |              | 84.1<br>84.8 | 86.9         | 89.2         | 91.6         | 92.3         | 94.9         | 94.9         | 95.1         | 95.2         | 95.3         | 95.3         | 95.4          |
| ≥ 700<br>≥ 600        |     | 69.6         | 74.6         |              | 85.3         | 87.4         | 90.7         | 93.2         | 94.1         | 95.8<br>96.6 | 96.9         | 97.0         | 97.2         |              | 97.3         | 97.4          |
| ≥ 500<br>≥ 400        |     | 69.9         | 75.0         | 80.7         | 86.0         | 88.2<br>88.3 | 91.7         | 94.5         | 95.4         | 97.4         | 98.5         | 98.7         |              |              | 99.0         | 99.1          |
| ≥ 300<br>≥ 200        |     | 69.9         | 75.0         | 80.7         | 86.1         | 88.3<br>88.3 | 91.9         | 94,9         | 95.8         | 97.9         | 99.1         | 99.3         | 99.5         | 99.7         | 99.8         | 99.8          |
| ≥ 100<br>≥ 0          |     | 69.9         | -            | 80.7         | 86.1         | 88.3         | 91.9         | 94.9         |              | _            | 99.1         | 99.3         | 99.6         | 99.5         | 99.9         | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

10835

USAF ETAC 101.64 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLFTE

### CEILING VERSUS VISIBILITY

43311 TUKYE TAP JAPAN/HONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|                    | <del>-</del> |      |                  |         |  |        | VIS     | IBILITY (ST | ATUTE MIL | ES.  |       |      |             |       |      |       |
|--------------------|--------------|------|------------------|---------|--|--------|---------|-------------|-----------|------|-------|------|-------------|-------|------|-------|
| CEILING<br>FEET    |              | ·    |                  | ,       | ······································ |        |         |             |           |      |       |      |             |       |      |       |
| ,,,,,              | ≥10          | ≥6   | ≥5               | ≥ 4     | ≥3                                     | ≥2'2   | ≥ ?     | ≥1',        | ≥1'₄      | ≥1   | ≥34   | ≥,*  | ≥ 2         | ≥5 16 | ≥ .  | ≥0    |
| NO CEILING         |              | 30.9 | 32.8             | 34.6    | 36.4                                   | 36.9   | 37.7    | 38.4        | 38.6      | 39.1 | 39.4  | 39.4 | 39.4        | 39.4  | 39.5 | 39.5  |
| ≥ 200000           |              | 36.9 | 39.2             | 41.3    | 43,4                                   | 44.0   | 45.0    | 45.8        | 46.0      | 46.6 | 46.9  | 46.9 | 47.0        | 47.0  | 47.C | 47.1  |
| ≥ 18000            |              | 37.6 | 39.9             | 42.0    | 44.1                                   | 44.8   | 45.8    | 46.6        | 46.8      | 47.4 | 47.7  | 47.7 | 47.8        | 47.8  | 47.8 | 47.9  |
| 1 ≥ 16000          |              | 38.1 | 40.4             | 42.5    | 44.7                                   | 45.2   | 46.4    | 47.1        | 47.4      | 48.0 | 48.3  | 48.3 | 48.4        | 48.4  | 48.4 | 48.5  |
| ≥ 14000<br>≥ 12000 |              | 39.6 | 42.0             | 44.2    | 46.5                                   | 47.1   | 46.2    | 48.9        | 49.2      | 49.9 | 50.1  | 50.2 | 30.2        | 50.2  | 50.2 | 50.3  |
| ļ                  |              | 41.8 |                  | 46.8    | 49.1                                   | 49.9   | 51.0    | 51.8        | 52.1      | 52.7 | 53.0  | 53.1 | 53.1        | 53.1  | 53.2 | 53.2  |
| ≥ 10000            |              | 43.8 | , , , ,          | 1       | 51.6                                   | 52.4   | 53.5    | 54.4        | 54.7      | 55.3 | 55.7  | 55.7 | 55.8        | 55.8  | 55.8 |       |
| l —————            |              | 44.5 | 47.3             | 50.0    | 52.5                                   | 53.3   | 54.5    | 55.4        | 55.7      | 56.3 | 56.6  | 56.7 | <u>96.7</u> | 56.7  | 56.8 |       |
| ≥ 8000<br>≥ 7000   |              | 46.4 | , , , <u>, ,</u> | 52.2    | 54.7                                   | 55.6   | 56.9    | 57.8        | 58.1      | 58.8 | 59.1  | 59.2 | 59.2        | 59.2  | 59.3 | * * - |
| L                  |              | 48.6 |                  | 54.7    | 57.3                                   | 58.2   | 59.5    | 60.5        | 60.8      | 61.6 | 61.9  | 62.0 | 62.0        |       | 62.1 | 62.1  |
| ≥ 6000             |              | 50.9 | - • •            | 57.2    | 59.9                                   | 60.9   | 62.3    | 63.2        | 63.6      | 64.3 | 64.7  | 64.7 | 64.8        | 64.8  | 64.8 |       |
| ļ                  |              | 54.0 |                  | 60.0    | 03.4                                   | 64.5   | 65.9    | 66.9        | -X-1-E-E- | 68.0 |       | 68.4 | 68.5        | 68.5  | 68.6 |       |
| ≥ 4500<br>≥ 4000   |              | 55.6 |                  |         | 65.2                                   | 66.3   | 67.8    | 68.9        | 69.2      |      |       | 70.4 | 70.5        | 70.5  | 70.5 |       |
|                    |              | 58.8 |                  | 66.0    | 69.0                                   | 70.1   | 71.8    | 72.8        | 73.2      | 74.0 |       | 74.5 | 74.5        | 74.5  | 74.6 |       |
| ≥ 3500<br>≥ 3000   |              | 61.1 |                  | 68.5    | 71.6                                   | 72.7   | 74.5    | 75.6        | 76.0      | 76.8 |       | 77.2 | 77.3        | 77.3  | 77.4 |       |
|                    |              | 63.6 |                  | 71.3    | 74.5                                   | 75.7   | 77.6    | 72.8        | 79.1      | 80.0 |       | 80.4 | 80.5        | 80.5  | 80.6 |       |
| ≥ 2500<br>≥ 2000   |              | 65.5 |                  | 73.4    | 76.8                                   | 78 . C |         |             | 81.6      | 82.5 | 63.0  | 83.0 | 83.1        | 83.1  | 83.1 | 83.2  |
| I                  |              | 67.2 |                  | 75.6    | 79.1                                   | 80.4   | 82.5    | 83.8        | 84.2      | 85.2 | 85.7  | 85.7 | 85.8        | 85.8  | 85.9 |       |
| ≥ 1800             |              | 67.5 |                  | 76.0    | 79.6                                   |        | 83.0    |             | 34.7      | 85.7 | 86.2  | 86.3 | 86.4        | 86.4  | 86.5 |       |
| ļ                  |              | 68.6 |                  | 77.5    | 81.4                                   | 82.8   | 85.1    | 86.5        | 86.9      | 87.9 | 88.5  | 88.6 | 88.7        | 88.8  | 88.8 |       |
| ≥ 1200             |              | 69.5 |                  | 78.8    | 82.9                                   |        |         | 88.4        | 88.8      | 89.9 | 90.5  | 90.6 |             |       | 90.9 |       |
| l                  |              | 70.2 |                  | 1.4.4.4 | 84.3                                   | 85.9   | 88.5    | 90.1        | 90.6      | 91.7 | 92.4  | 92.5 | 92.7        | 92.8  | 92.8 |       |
| ≥ 900              |              | 70.4 |                  | 80.4    | 84.9                                   |        | , , , , |             |           | 92.5 | 93.2  | 93.3 | 93.6        | 93.6  | 93.7 | 93.7  |
|                    |              | 70.8 |                  |         | 85.8                                   | 87.5   | 90.2    | 91.9        |           | 93.6 | 94.3  | 94.4 | 94.7        | 94.8  | 94.8 |       |
| ≥ 700              |              | 71.1 | 70.4             | 81.7    | 86.5                                   | 88.3   |         |             |           | 94.6 | 95.3  |      | 95.8        |       | 95.9 |       |
|                    |              | 71.3 | 70.7             | 82.2    | 87.3                                   | 89.2   | 92.0    | 93.9        | 94.6      | 95.9 | 96.7  | 96.8 | 97.1        | 97.2  | 97.3 | 97.3  |
| ≥ 500<br>≥ 400     |              | 71.4 | 76.9             | 82.5    | 87.7                                   | 89.7   | 92.7    | 94.8        | 95.5      |      |       | 97.9 | 98.2        |       | 98.4 | 98.4  |
|                    |              | 71.5 | 77.0             | 82.6    | 87.9                                   | 89.5   | 93.1    | 95.2        | 95.9      |      | 98.4  | 98.5 | 98.9        | 98.9  | 99.0 |       |
| ≥ 300<br>≥ 200     |              | 71.5 | 77.1             | 82.7    | 88.0                                   |        |         | 95.4        |           | 97.9 | 1 * 1 |      |             | 99.3  | 99.4 |       |
| l                  |              | 71.5 | 77.1             | 82.7    | 88.1                                   | 90.1   | 93.3    | 95.5        | 96.3      |      | 99.0  |      | 99.5        | 99.6  |      |       |
| ≥ 100              |              | 71.5 | 77.1             |         |  |        | 93.3    | 95.6        |           |      | 99.0  |      | 99.6        |       |      |       |
| ≥ 0                |              | 71.5 | 77.1             | 62.7    | 88.1                                   | 90.1   | 93.3    | 95.6        | 96.3      | 98.1 | 99.0  | 99.2 | 99.6        | 99.7  | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

10347

USAF ETAC 11 64 0-1.4-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 THEYE TAP JAPAN/HUNSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOJAS LS.

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY -ST. | ATUTE MIL    | ES           |              |              | _            |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 2         | ≥ 2          | ≥1'2         | ≥1'          | ≥1           | ≥ 34         | ≥'*          | ≥ 2          | ≥ 5 16       | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 | _   | 27.7         | 29.1         | 30.8         | 32.2         | 32.7         | 33.5         | 34,2         | 34.4         | 34.8         | 35.0<br>47.6 | 35.0<br>47.5 | 35.0         | 35.0<br>47.7 | 35.0<br>47.7 |               |
| ≥ 18000<br>≥ 16000    |     | 39,1         | 41.0         | 43.2         | 45 · 1       | 45.8<br>46.2 | 46.9         | 47.9<br>48.3 | 48.1         | 48.6         | 48.8         | 48.8         | 48.9         | 48.9         | 48.9         |               |
| ≥ 14000<br>≥ 12000    |     | 42.4         | 44.4         | 46.8         | 48.8         | 49.5<br>53.1 | 50.7<br>54.4 | 51.7<br>55.4 | 51.9<br>55.6 | 52.4<br>56.1 | 52.6<br>56.4 | 52.7<br>56.4 | 52.7<br>56.5 | 52.7<br>56.5 | 52.7<br>56.5 | 52.8<br>56.5  |
| ≥ 10000<br>≥ 9000     |     | 48.5         | 50.9<br>52.2 | 53.6         | 55.7<br>57.1 | 56.5<br>57.9 | 57.9<br>59.3 | 56.9<br>60.3 | 59.1<br>60.5 | 59.7<br>61.1 | 60.0         | 60.0         | 60.1         | 60.1<br>61.5 | 60.1         | 60.1          |
| ≥ 8000<br>≥ 7000      |     | 51.5         | 54.0<br>56.0 | 56.8         | 59.1<br>61.2 | 59.9<br>62.0 | 61.4         | 62.5         | 62.7         | 63.3         | 63.6         | 63.6         | 63.7         | 63.7         | 63.7         |               |
| ≥ 6000<br>≥ 5000      |     | 55.0<br>57.1 | 57.7<br>59.9 | 60.6         |              | 63.9         | 65.4         | 66.6         | 66.8         | 67.5         | 67.8         | 67.8         | 67.9         | 67.9         | 67.9<br>70.5 | 68.0          |
| ≥ 4500<br>≥ 4000      | 1   | 58.3         | 61.2         | 64.2         | 66.7         | 67.6         | 69.2         | 70.4         | 70.7         | 71.3         | 71.7<br>75.3 | 71.7         | 71.8         | 71.8         | 71.8         | 71.9          |
| ≥ 3500<br>≥ 3000      |     | 62.8         | 65.8         | 69.2         | 71.9         | 72.9         | 74.7         | 76.0<br>78.0 | 76.2<br>78.3 | 76.9         | 77.4         | 77.4         | 77.5         | 77.5<br>79.6 | 77.5         |               |
| ≥ 2500<br>≥ 2000      |     | 65.3         | 68.6<br>71.1 | 72.3         |              | 76.3         | 78.2         | 79.5<br>82.7 | 79.8         | 80.5         | 81.0<br>84.2 | 81.0         | 81.1         | 81.2<br>84.4 | 81.2         |               |
| ≥ 1800<br>≥ 1500      |     | 69.9         |              | 75.8         | 78.9         | 80.0         | 82.2         | 83.6<br>86.0 | 83.9         | 84.7         | 85.2<br>87.6 | 85.2         | 85.3         | 85.4<br>87.8 | 85.4<br>87.8 | 85.4<br>87.8  |
| ≥ 1200<br>≥ 1000      |     | 71.0         | 1            | 79.1<br>80.1 | 82.6         | 83.9<br>85.2 | 86.3         | 87.9<br>89.4 | 88.2         | 89.1<br>90.7 | 89.6         | 89.7         | 89.8<br>91.4 | 89.8         | 89.8<br>91.5 |               |
| ≥ 900<br>≥ 800        |     | 72.0         | 76.0<br>76.5 | 80.7<br>81.4 | 84.4         | 85.9<br>86.9 | 88.6<br>89.8 | 90.4         | 90.7         | 91.7         | 92.3         | 92.3         | 92.4         | 92.5         | 92.5         |               |
| ≥ 700<br>≥ 600        |     | 72.8         | 76.9         | 82.0         | 86.2         | 87.8         | 90.9         | 92.8         | 93.2         | 94.2         | 94.8         | 94.9         | 95.0<br>96.5 | 95.0<br>96.6 | 95.1<br>96.6 | 95.1<br>96.7  |
| ≥ 500<br>≥ 400        |     | 73.5         | 77.8         |              | 87.6<br>88.0 | 89.4<br>89.8 | 92.7         | 95.0<br>95.7 | 95.5         | 96.7         | 97.4<br>98.3 | 97.5<br>98.4 | 97.6         | 97.7<br>98.6 | 97.7<br>98.6 | _             |
| ≥ 300<br>≥ 200        |     | 73.8         | ,            | 83.6         | 88.2<br>88.3 | 90.1         | 93.6         | 96.1         | 96.7         | 98.1<br>98.3 | 98.9<br>99.2 | 99.0         | 99.2         |              | 99.2         | 99.3          |
| ≥ 100<br>≥ 0          |     | 73.8         |              | 83.7         | 88.3         | 90.2         | 93.8         |              | 97.0         | 98.4<br>98.4 | 99.2         | 99.3         | 99.5<br>99.6 | 99.6         |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

10711

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

4

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/FUNSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (ST

| CEIUNG                     |             |                      |                      |                      |                      |                      | VIS                  | BILITY IST   | ATUTE MIL            | ES                   |                      |                      |                      |              |                      |                      |
|----------------------------|-------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|
| FEET                       | ≥10         | ≥6                   | ≥ 5                  | ≥ 4                  | ≥3                   | ≥2',                 | ≥ 2                  | ≥117         | ≥1.                  | ≥1                   | ≥ 34                 | ≥ ′∗                 | ≥ .                  | ≥ 5 16       | ≥'•                  | ≥0                   |
| NO CEILING<br>≥ 20000      |             | 14.3                 | 15.2                 | 16.2                 | 17.5<br>29.0         | 17.8                 | 18.3                 | 18.6         |                      | 19.0                 | 19.1                 | 19.1<br>31.5         | 19.1<br>31.5         | 19.1<br>31.5 | 19.1<br>31.5         | 19.1                 |
| ≥ 18000<br>≥ 16000         |             | 25.2                 |                      |                      | 30.3                 | 30.8                 | 31.5<br>32.5         | 32.2         | 32.5<br>33.4         | 32.8                 | 32.9<br>33.8         | 32.9<br>33.9         | 32.9                 | 32.9         | 32.9                 | 32.9<br>33.9         |
| ≥ 14000<br>≥ 12000         |             | 26.3                 | 30.2                 | 32.2<br>35.5         | 34.0<br>37.5         | 34.4                 | 35.3<br>35.9         | 36.0         |                      | 36.7<br>40.5         | 36.8<br>40.7         | 36.8<br>40.7         | 36.8<br>40.7         | 36.8<br>40.7 | 36.8<br>40.7         | 36.8<br>40.7         |
| ≥ 9000<br>≥ 9000           |             | 33.6<br>35.0         | 37.6                 |                      | 40.9                 | 43.1                 | 42.5<br>44.1         | 43.5<br>45.2 | 43.9<br>45.6         | 44.4                 | 44.5                 | 44.5                 | 44.6                 | 44,6         | 44.6                 | 44.6                 |
| ≥ 8000<br>≥ 7000           |             | 36.9<br>38.5         | 41.3                 | 42.7                 | 45.0<br>46.7         | 47.3                 | 46.6<br>48.5         | 47.7         | 48.1<br>50.0         | 48.7<br>50.6         | 48.8<br>50.8         | 48.9<br>50.8         | 48.9<br>50.8         | 48.9<br>50.8 | 48.9<br>50.8         | 48.9<br>50.8         |
| ≥ 6000<br>≥ 5000<br>≥ 4500 |             | 39.9                 | 44 9                 |                      | 50.5                 | 49.1<br>51.2         | 50.2<br>52.5         | 51.4<br>53.7 | 51.8<br>54.1         | 52.4<br>54.7         | 52.6<br>54.9         | 52.6<br>54.9         | 52.7<br>54.9         | 52.7<br>54.9 | 52.7<br>54.9         | 52.7<br>54.9         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 |             | 43.2                 | 49.4                 |                      | 51.9<br>55.3         | 52.6<br>56.0         | 53.9<br>57.3<br>59.7 | 55.1<br>58.5 | 55.5<br>59.0         | 56.1<br>59.6         | 56.3<br>59.8         | 56.3<br>59.8         | 56.3<br>59.8         | 59.8         | 56.3<br>59.8         | 56.3<br>59.8         |
| ≥ 3000<br>≥ 3000<br>≥ 2500 | <del></del> | 48.4<br>-1.1<br>53.3 | 51.7<br>54.5<br>56.9 | 55.0<br>58.0<br>60.5 | 57.7<br>60.8<br>63.4 | 59.4<br>61.5<br>64.2 | 62.9                 | 64.3         | 61.5<br>64.7<br>67.5 | 62.1<br>65.4<br>68.2 | 62.3<br>65.6<br>68.4 | 62.3<br>65.6<br>68.5 | 62.3<br>65.7<br>68.5 | 65.7         | 62,3<br>65.7<br>68.5 | 62.3<br>65.7<br>68.5 |
| ≥ 2000<br>≥ 1800           |             | 56.4<br>57.5         | 60.3                 | 64.1                 | 67.2<br>68.6         | 68.1                 | 69.6<br>71.0         | 71.1         | 71.6                 | 72.4                 | 72.6                 | 72.6                 | 72.7                 | 72.7         | 72.7                 | 72.7<br>74.1         |
| ≥ 1500<br>≥ 1200           |             | 59.8<br>61.9         | 64.0                 | 68.2                 | 71.5                 | 72.5                 | 74.2<br>77.3         | 75.8         | 76.3                 | 77.1<br>80.4         | 77.4<br>80.7         | 77.4                 | 77.4                 | 77.4         | 77.4                 | 77.4                 |
| ≥ 1000<br>≥ 900            |             | 63.9                 | 68.5                 | 73.2                 | 77.0<br>78.3         | 78.2                 | 80.3<br>81.7         | 82.1         | 82.7                 | 83.7                 | 84.1                 | 84.1                 | 84.2                 | 84.2         | 84.2                 | 84.2                 |
| ≥ 800<br>≥ 700             |             | 66.1                 | 71.1                 | 75.2                 | 80.3                 | 81.7                 | 84.0                 | 86.0         | 86.6                 |                      | 88.3                 | 88.3                 | 38.4                 | 88.4         | 88.4<br>91.0         | 88.4                 |
| ≥ 600<br>≥ 500             |             | 68.7                 | 73.7                 | 79.5                 | 84.3                 | 86.1                 | 89.0<br>90.4         |              | 92.2                 | 93.6                 | 94.3                 | 94.3                 | 94.4                 | 94.4         | 96.3                 | 94.5                 |
| ≥ 400<br>≥ 300             |             | 69.1                 | 74.7                 | 80.9                 | 86.1                 | 88.1                 | 91.6                 | 94.5         | 95.2                 | 96.8                 | 97.8                 | 97.8                 |                      | 98.0         | 98.1                 | 98.1<br>99.2         |
| ≥ 20°<br>≥ 100             | _           | 69.3                 | 75.1                 |                      | 86.7                 | 8.88                 | 92.5                 | 95.5<br>95.6 | 96.4                 | 98.2                 | 99.2                 | 99.3                 | 99.5                 | 99.7         | 99.8                 | 99.8                 |
| _ ≥ 0                      |             | 69.3                 | 75.1                 | 81.4                 | 86.7                 | 88.8                 | 92.5                 | 95,7         | 96.5                 | 98.3                 |                      | 99.5                 |                      |              | 99,9                 | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

9934

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLITE

## CEILING VERSUS VISIBILITY

43311 TOKYL TAP JAPAN/HUNSHU

47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUPS TST

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY ST   | ATUTE MIL    | ES.          |              |               |              | _            |              | _            |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2 2         | ≥ 2          | ≥1,5         | ≥1'.         | ۰≤           | ≥ 34         | ≥ '*          | ≥ ,          | ≥5 16        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 23.6         | 24.6         | 26.3<br>36.8 |              |              | 28.8         | 29.3         | 29.4         |              | 1            | 29.7          | 29.7         | 29.7         | 29.7         | 29.          |
| ≥ 18000<br>≥ 16000    |     | 33.5         |              | 37.3         | 39.1         | 39.6         | 40.3         | 41.0         | 41.2         |              | 41.6         | 41.6          | 41.7         | 41.7         | 41.7         | 41.          |
| ≥ ,4000<br>≥ 12000    |     | 36.2<br>39.8 | 38.0         | 40.3         | 42.4         | 42.9         | 43.7         | 44.5         | 44.7         | 44.9<br>49.8 |              | 45.2          | 45.3         | 45.3<br>50.1 | 45.3<br>50.2 | 45.<br>50.   |
| ≥ 10000<br>≥ 9000     |     | 43.4         | 45.7         | 48.8<br>50.2 | 51.1<br>52.6 | 51.8<br>53.3 | 52.8<br>54.3 | 53.7<br>55.3 | 54.0<br>55.6 |              | 54.6<br>56.2 | 54.7.<br>56.2 | 54.8<br>56.3 | 54.8<br>56.3 | 54.8<br>56.3 | 54.4<br>56.4 |
| ≥ 8000<br>≥ 7000      |     | 46.7         | 49.3         | 52.6<br>54.1 | 55.0<br>56.6 | 55.8<br>57.4 | 56.9<br>58.5 | 57.9<br>59.6 | 58 · 2       | 58.5         | 58.8<br>60.5 | 58.8          |              | 58.9<br>60.7 | 58.9<br>60.7 | 59.          |
| ≥ 6000<br>≥ 5000      |     | 49.2<br>51.1 | 52.1<br>54.0 | 55.5<br>57.6 |              | 58.9<br>61.2 | 60.1<br>62.4 | 61.2<br>63.5 | 61.5         | 61.9         | 62.1         | 62.2          | 62.3         | 62.3         | 62,3         |              |
| ≥ 4500<br>≥ 4000      |     | 52.1<br>54.7 | 55·1         | 58.8<br>61.5 | 61.6         | 62.4         |              | 64.7         | 65.0<br>68.1 | 65.4<br>68.5 | 65.7         | 65.7<br>68.8  | 65.8<br>68.9 | 65.8<br>68.9 | 68.9         | 65.°         |
| ≥ 3500<br>≥ 3000      |     | 56.3<br>58.1 | 59.4<br>61.2 | 63.2         |              | 67.1         | 66.4<br>79.5 | 69.6<br>71.7 | 69.9<br>72.1 | 70.4         | 70.6<br>72.8 | 70.7          |              |              |              |              |
| ≥ 2500<br>≥ 2000      |     | 60.0         |              | 67.4         |              | 71.5         | 72.9         | 74.1         | 74.5<br>78.0 |              |              | 75.4<br>78.9  |              |              |              |              |
| ≥ 1800<br>≥ 1500      |     | 63.5         |              |              | 74.6         | 75.7<br>78.3 | 77.2         |              | 79.0<br>81.8 |              |              | 79.9<br>82.8  |              |              |              |              |
| ≥ 1200<br>≥ 1000      |     | 67.9         | 71.9         |              | .,           | 81.3<br>83.9 |              | 87.5         | 85.2<br>88.0 | 88.7         | 89.2         | 89.2          | 89.4         |              | 86.4         | 86.          |
| ≥ 900<br>≥ 800        |     | 70.7         | 75.0<br>76.5 |              |              | 85.1<br>87.0 |              | 90.9         | 89.3<br>91.4 | 92.2         | 92.7         |               |              |              | 90.7<br>93.4 | 93.          |
| ≥ 700<br>≥ 600        |     | 72.6         |              |              |              | 88.1         |              | 93.9         | 92.7         | 95.4         | 96.0         |               | 96.3         | 96.3         | 94.4         | 95.          |
| ≥ 500<br>≥ 400        |     | 74.0         | 79.3         | 85.0         |              | 90.7         |              | 96.0         | 96.0<br>96.7 | 97.9         | 98.7         | 98.8          | 99.0         | 99.0         | 27.1         | 98.          |
| ≥ 300<br>≥ 200        |     | 74.2         |              | 85.1         | 89.7<br>89.8 |              | 94.1         | 96.3         |              | 98.4         | 99.3         |               |              |              | 99.7         | 99,          |
| ≥ 100<br>≥ 0          |     | 74.3         | 79.4         | 85.1<br>85.1 | 89.8         | 91.4<br>91.4 |              |              | 97.1<br>97.1 |              | 99.3<br>99.3 |               |              | 99.7         |              |              |

TOTAL NUMBER OF OBSERVATIONS

10739

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

47-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS LST

| CEILING               |     |              |              |              |              |              | VIS          | BILITY ST    | ATUTE MIL    | ES:          |      |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 2         | ≥ 2          | ≥1',         | ≥1'4         | ≥1           | ≥ 14 | ≥,*          | ≥ '.         | ≥5 16        | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 31.8         | 33.5         | 35.4         | 37.2         | 37.7         | 38.4<br>48.5 | 39.0         | 39.1         | 39.4         | 39.5 | 39.5         | 39 <b>.5</b> | 39.5         |              | 39.6<br>50.0  |
| ≥ 18000<br>≥ 16000    |     | 40.4         | 42.8         | 45.1         | 47.3         | 47.9         | 48.9         | 49.7         | 49.9         | 50.2         | 50.3 | 50.3<br>50.9 | 50.4         | 50.4<br>51.0 | 50.4         | 5C.4          |
| ≥ 14000<br>≥ 12000    |     | 43.3         | 1            | 48.1         | 50.3         | 50.9<br>54.6 | 52.0         | 52.9         | 53.1<br>56.9 | 53.4         | 53.6 | 53.6         |              | 53.6         |              | 53.6          |
| ≥ 10000<br>≥ 9000     |     | 49.4         | 52.1<br>52.8 | 54.7<br>55.5 | 57.1         | 57.9         | 59.0<br>59.0 | 60.9         | 60.3         | 60.6         | 60.9 | 60.9         | 60.9         | 60.9         | 60.9         | 60.9          |
| ≥ 3000<br>≥ 7000      |     | 51.6<br>52.4 | 54.4<br>55.2 | 57.1<br>58.0 | 59.7         |              | 61.6         | 62.7         | 63.0         | 63.3         | 63.5 | 63.5         | 63.6         | 63.6         | 63.6         |               |
| ≥ 6000<br>≥ 5000      |     | 53.6<br>55.1 | 56.5<br>58.2 | 59.3         | 61.9         | 62.7         | 63.9         | 65.0<br>66.8 | 65.3         | 65.6         | 65.8 | 65.8         | 65.9         | 65.9         | 65.9         |               |
| ≥ 4500<br>≥ 4000      |     | 56.1<br>57.8 | 59.2         | 62.1         | 64.8         | 65.6         | 66.8         | 67.8         | 68.1         | 68.5         | 68.7 | 68.7         | 68.8         | 58.8<br>71.0 | 68.8         | 68.8          |
| ≥ 3500<br>≥ 3000      |     | 59.2         | 62.5         | 65.5         | 68.3         | 69.2         | 70.5<br>72.8 | 71.7         | 71.9         |              | 72.6 | 72.6         | 72.6         | 72.6         | 72.6         | 72.7          |
| ≥ 2500<br>≥ 2000      |     | 63.1         | 69.6         | 69.9         | 73.0<br>76.1 |              | 75.4         | 76.5<br>80.0 | 76.8         | 77.3         |      | 77.5         | 77.6         | 77.6<br>81.1 | 77.6         |               |
| ≥ 1800<br>≥ 1500      |     | 66.5<br>68.8 |              |              |              |              | 79.6         | 80.9         | 81.2         | 81.7<br>85.0 | 81.9 | 81.9         |              | 82.0<br>85.3 | 82.0<br>85.3 |               |
| ≥ 1200<br>≥ 1000      |     | 71.0         |              | 79.1<br>81.0 |              |              | 85.7         | 87.2<br>89.7 | 87.6<br>90.1 | 88.2         |      |              | 88.5         | 88.6         | 88.6         |               |
| ≥ 900<br>≥ 800        |     | 73.2         |              |              | 85.8<br>87.3 |              | 89.2<br>90.9 | 90.9         |              |              |      | 92.3         |              | 92.4         | 92.4         | _             |
| ≥ 700<br>≥ 600        |     | 74.9         |              |              |              | 89.7<br>91.0 |              | 93.9         | 94.4         |              | 95.5 | 95.5         |              | 95.7         | 95.7         |               |
| ≥ 500<br>≥ 400        |     | 75.9<br>76.1 |              | 85.6<br>85.9 |              | 91.8<br>92.2 |              |              | 97.0<br>97.5 | 98.6         | 99.0 | 98.4<br>99.1 | 98.6<br>99.2 | 98.6<br>99.2 | 98.6         |               |
| ≥ 300<br>≥ 200        |     | 76.2         | 81.4         | 86.0         | 90.8         | 92.4         |              | 97.2         | 97.7         | 98.8<br>98.8 | 99.3 | 99.4<br>99.5 |              | 99.7         |              | 99,8          |
| ≥ 100<br>≥ 0          |     | 76.2<br>76.2 |              | 86.0         | 90.8         | 92.4<br>92.4 |              |              |              | 98.9<br>98.9 |      | 99.5<br>99.5 |              |              | 99.8<br>99.8 | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

11262

USAF ETAC 1164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

1

1

### CEILING VERSUS VISIBILITY

43311 TOKYL 1AP JAPAN/HUNSHU 46-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY ISTA | TUTE MILI    | ES           |              |              |              |               |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2;          | ≥?           | ≥1 2         | ≥1'₄         | ≥1           | ≥ ;₄         | ≥'₄          | ≥ ,          | ≥ 5 16        | ≥ ,          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 23.9         | 25.0         | 26.0         | 27.0         | 27.3         | 27.8         | 28.2<br>35.1 | 28.3         | 28.5         | 28.6         | 28.6         | 28.7         | 28.7<br>35.6  | 28.7         |              |
| ≥ 18000<br>≥ 16000    |     | 30.2<br>30.6 | 31.6         | 32.8         | 34.1         | 34.4         | 35.1<br>35.5 | 35.7<br>36.1 | 35.8         | 36.0         | 36.1<br>36.5 | 36.1         | 36.2         | 36.2<br>36.6  | 36.2         |              |
| ≥ 14000<br>≥ 12000    |     | 32.4         | 34.0         | 35.3         | 36.7         | 37.2<br>41.5 | 37.9<br>42.5 | 38.5         | 38.6         | 38.9<br>43.6 | 39.1<br>43.8 | 39.1<br>43.8 | 39.1<br>43.9 | 39 · 1        | 39.1<br>43.9 | 39.1<br>43.9 |
| ≥ 10000<br>≥ 9000     |     | 39.6<br>40.8 | 41.5         | 43.4         | 45.2         | 45.9         | 46.9<br>48.5 | 47.7         | 47.8         | 48.2<br>49.8 | 48.4<br>50.1 | 48.4<br>50.1 | 48.4         | 48.4<br>50.1  | 48.4<br>50.1 | 48.4<br>50.1 |
| ≥ 8000<br>≥ 7000      |     | 43.4         | 45.7         | 47.9<br>49.9 | 49.9<br>52.1 | 50.6<br>52.8 | 51.8<br>54.1 | 52.7<br>55.1 | 52.9<br>55.3 | 53.3<br>55.8 | 53.5<br>56.0 | 53.5<br>56.0 | 53.6<br>56.1 | 53.6<br>56.1  | 53.6<br>56.1 | 53.6<br>56.1 |
| ≥ 6000<br>≥ 5000      |     | 47.1<br>50.0 | 49.8         | 7.0.         | 54.6<br>58.0 | 55.4<br>58.8 | 56.7         | 57.8<br>61.4 | 58.0<br>61.6 | 58.5         | 53.7<br>62.3 | 58.7         | 58.8<br>62.4 | 58.8          | 58.8<br>62.4 | 58.8         |
| ≥ 4500<br>≥ 4000      |     | 51.5<br>54.3 | 54.5<br>57.6 |              | 59.7<br>63.2 | 60.6         | 62.1         | 63.3         | 63.5         | 67.8         | 64.3         | 64.3         | 64.4         | 64.4<br>68.2  | 64.4         | 64.4<br>68.2 |
| ≥ 3500<br>≥ 3000      |     | 56.5         |              |              | 65.8         | 69.5         | 68.4<br>71.3 | 69.7<br>72.6 | 70.0         | 70.5         | 70.8<br>73.8 | 70.8<br>73.8 | 70.9         | 70.9<br>73.9  | 70.9         | 73.9         |
| ≥ 2500<br>≥ 2000      |     | 60.5         | 64.4         | 67.8<br>70.8 | 71.0         | 72.1<br>75.4 | 74.0         | 75.4<br>78.5 | 75.7<br>79.2 | 76.3<br>79.9 | 76.6<br>80.2 | 76.6         | 76.7<br>80.3 | 76.7<br>80.3  | 76.7         |              |
| ≥ 1800<br>≥ 1500      |     | 63.6         | 67.9<br>69.7 | 71.5         | 75.0<br>77.6 | 76.2<br>78.9 | 78.2<br>81.0 | 79.8<br>82.6 | 80.1         | 80.8         | 51.1<br>84.1 | 81.2<br>84.2 | 81.2<br>84.2 | 81.2<br>84.2  | 81.2<br>84.2 | 84.2         |
| ≥ 1200<br>≥ 1000      |     | 66.6         |              |              | 79.7<br>81.8 | 81.2<br>83.3 | 83.5<br>85.7 | 87.4         | 85.5<br>87.8 | 88.8         | 89.2         | 89.3         | 86.9<br>89.4 | 86.9<br>89.4  | 86.9<br>89.4 | 89.4         |
| ≥ 900<br>≥ 800        |     | 68.5         | 73.9<br>75.0 |              |              | 94.3<br>86.1 | 86.9<br>88.8 | 90.6         | 89.0<br>91.0 | 92.0         | 92.5         | 92.6         | 92.7         | 90.6<br>92.7  | 92.7         | 92.7         |
| ≥ 700<br>≥ 600        |     | 70.1         |              |              | 85.7<br>86.8 |              | 90.3         | 93.8         | 92.7         | 93.8<br>95.5 | 94.3<br>96.1 | 94.4         | 94.5         | 94.5          | 26.3         | 96.3         |
| ≥ 500<br>≥ 400        |     | 71.1         |              | 82.4<br>82.9 |              |              | 92.8         | 96.2         | 95.8<br>96.8 | 98.3         |              | 99.1         | 98.0<br>99.2 | 99.2          | 99.2         | 99.3         |
| ≥ 300<br>≥ 200        |     | 71.5         | 77.5         | 83.1         | 88.6         | 90.7         | 93.9<br>94.0 | 96.6         | 97.3         | 98.8         | 99.6         | 99.7         | 99.9         | 99.9          | 99.9         | 100.0        |
| ≥ 100<br>≥ 0          |     | 71.5         | 77.5         | 83.1<br>83.1 | 88.6<br>88.6 | 1            | 94.0         |              |              |              |              |              |              | 99.9<br>100.0 |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

10537

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPANA PONSHU 46-54,56-60,68,71-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IS!

| CEILING                 |           |              |              |              |              |              | VIS          | BILITY IST   | ATUTE MIL    | E\$·         |              |              |              |              |                  |               |
|-------------------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
| FEE1<br>                | ≥10       | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2           | ≥ ?          | ≥1 2         | ≥1'4         | ≥1           | ≥ 34         | ≥ 8          | ≥ ;          | ≥5 16        | ≥ .              | ≥0            |
| NO CEILING<br>≥ 20000   |           | 23.4         | 25.0         | 26.9         | 28.7         | 29.3         | 30.2         | 30.8<br>36.1 | 31.0         | 31.5         | 31.8         | 31.8         | 31.8         | 31.8         | 31.8             | 1             |
| ≥ 18000<br>≥ 16000      |           | 27.6         |              | 31.8         | 33.9         | 34.6<br>35.1 | 33.7<br>36.3 | 36.5<br>37.0 | 36.7<br>37.3 | 37.3<br>37.8 | 37.6<br>38.2 | 37.6<br>38.2 | 37.6<br>38.2 | 37.6<br>38.2 | 37.6<br>38.2     | 37.7<br>38.2  |
| ≥ 14000<br>≥ 12000      |           | 29.4         | 31.4         | 34.0         | 36.3<br>39.2 | 37.1<br>40.1 | 38.4<br>41.5 | 39.2         | 39.5         | 40.1<br>43.3 | 40.4         | 40.4         | 40.5         | 40.5         | 40.5             | 40.5<br>43.8  |
| ≥ 10000<br>≥ 9000       |           | 34.2         | 36.8<br>38.2 | 39.9         | 42.7         | 43.7         | 45.3         | 46,4         | 46.7         | 47.5         | 47.8<br>49.8 | 47.9<br>49.8 | 47.9<br>49.8 | 47.9         | 47.9<br>49.8     | 47.9<br>49.9  |
| ≥ 8000<br>≥ 7000        |           | 38.4<br>40.8 |              | 44.9         |              | 49.2<br>52.1 | 51.0<br>54.0 | 52.3<br>55.3 | 52.6<br>55.7 | 53.4<br>56.6 | 53.8<br>57.0 | 53.9<br>57.0 | 53.9<br>57.1 | 53.9<br>57.1 | 53.9<br>57.1     | 54.0<br>57.1  |
| ≥ 6000<br>≥ 5000        |           | 43.0         | 46.3         | 50.1<br>53.8 | 53.5<br>57.4 | 54.9<br>58.9 | 56.9<br>61.1 | 58.3<br>62.5 | 58.6<br>62.9 | 59.6<br>63.8 | 60.0<br>64.2 | 64.3         | 64.3         | 60.0         | 60.0<br>64.3     | 60.1<br>64.4  |
| 1 ≥ 4500<br>1 ≠ 4000    |           | 48.2<br>51.7 | 51.9<br>55.8 | 56.1<br>60.2 | 59.9<br>64.2 | 61.4<br>65.8 | 63.6<br>68.1 | 65.1<br>69.7 | 65.5<br>70.1 | 66.5<br>71.2 | 66.9<br>71.6 | 71.6         | 66.9         | 71.7         | 67.0<br>71.7     | 71.7          |
| ≥ 3500<br>≥ 3000        |           | 56.4         |              | 63.2         |              | 69.1<br>72.1 | 71.5<br>74.6 | 73.1<br>76.3 | 73.5<br>76.7 | 74.6<br>77.8 | 75.1<br>78.4 | 75.2<br>78.4 | 75.2<br>78.4 | 75.2<br>78.5 | 75 • 2<br>78 • 5 | 78.5          |
| ≥ 2500<br>≥ 2000        |           | 58.3         | 63.2         | 68.3<br>70.9 | 75.9         | 74.9<br>77.8 | 77.5<br>80.5 | 79.2<br>82.4 | 82.9         | 84.1         | 81.4         | 81.5         | 84.7         | 81.5<br>84.7 | 81.5<br>84.7     | 84.3          |
| ≥ 1800<br>≥ 1500        |           | 61.6         | 67.1         | 71.4         | 78.3         | 78.4         | 83.3         | 83.1         | 83.6         | 84.8         | 85.4<br>87.6 |              |              | 85.5<br>87.7 | 85.5<br>87.7     | 87.7          |
| ≥ 1200                  |           | 62.4         | 68.9         | 74.3         | 81.1         | 82.C<br>83.4 | 85.0<br>86.6 | 87.1<br>88.8 |              | 89.0<br>90.7 | 89.6<br>91.4 | 89.6<br>91.4 | 89.7<br>91.5 | 89.7<br>91.5 | 89.7<br>91.5     | 91.5          |
| ≥ 900                   |           | 63.6         | 69.6         | 75.5<br>76.2 | 82.3         | 83.8         | 87.0<br>88.1 | 90.4         | 91.1         | 91.2<br>92.5 | 91.9<br>93.1 | 91.9         | 93.3         | 92.0<br>93.3 | 92.0             | 93.3          |
| ≥ 700<br>≥ 600          | . <u></u> | 64.4         |              | 76.8         |              | 85.6<br>86.8 | 90.4         | 93.0         |              | 93.6         |              | 94.3<br>96.6 | 94.4         | 94.4<br>96.1 | 94.4             | 96.1          |
| ≥ 500<br>≥ 400<br>≥ 300 |           | 64.8         | 71.4         | 78.4<br>78.7 |              |              | 91.8         | 95.5         | 95.5         | 98.1         | 98.0<br>98.9 |              |              | 98.2         | 98.3<br>99.2     | 99.2          |
| ≥ 200                   |           | 64.9         |              | 78.8<br>78.8 | 85.7         | 88.5<br>88.6 |              | 95,8         |              | 98.3<br>98.4 | 99.2         | 99.3         | 99.6         | 99.6         | 99.6             | 99.8          |
| ≥ 100<br>≥ 0            |           | 64.9         | . ~ .        | 78.8<br>78.5 | 1            | 88.6<br>88.5 |              |              |              |              | 99.3<br>99.3 | 99.4<br>99.4 | 1 1 1 7      | 99.7         |                  | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

11006

USAF ETAC 17164 0-14-5 (OL A) MENIOUS POITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 YULYU TAP JAPAN/HUNSHU 47-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS LS!

| CEILING               |                                       |              |      |      |              |      | VIS          | BILITY ST    | ATUTE MIL    | ES:          |              |      |              |       |              |              |
|-----------------------|---------------------------------------|--------------|------|------|--------------|------|--------------|--------------|--------------|--------------|--------------|------|--------------|-------|--------------|--------------|
| FEET                  | ≥10                                   | ≥6           | ≥5   | ≥4   | ≥3           | ≥2 : | ≥ 2          | ≥1'-         | ≥114         | ≥1           | ≥ ,*         | ≥ ′• | ≥ ,          | ≥5 16 | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |                                       | 26.7         | 29.2 | 32.4 | 35.8<br>38.9 | 37.3 | 39.7         | 41.5         | 42.1         | 43.5         | 44.3         | 44.5 | 44.9         | 44.9  | 44.9         | 45.0<br>49.0 |
| ≥ 18000<br>≥ 16000    |                                       | 29.2         | 32.0 | 35.6 | 39.3         | 40.9 | 43.5         | 45.4         | 46.1         | 47.7         | 48.6         | 48.8 | 49.2         | 49.3  | 49.3         | 49.4         |
| ≥ 14000<br>≥ 12000    |                                       | 30.2         | 33.2 | 37.0 | 40.8         | 42.6 | 45.4         | 47.5         | 48.2         | 49.9         | 50.9         | 51.i | 51.6         | 51.7  | 51.7         | 51.8<br>54.2 |
| ≥ 10000<br>≥ 9000     |                                       | 32.9         | 36.2 | 40.5 | 44.8         | 46.8 | 50.0         | 52.3         | 53.1<br>54.4 | 54.9<br>56.3 | 56.1         | 56.3 | 56.8         | 56.9  | 56.9         | 57.0<br>58.4 |
| ≥ 8000<br>≥ 7000      |                                       | 35.2         | 38.9 | 43.5 | 48.1         | 50.2 | 53.5         | 36.0         | 57.0<br>60.0 |              | 60.1         | 60.3 | 60.9         | 61.0  | 61.1         | 61.1         |
| ≥ 6009<br>≥ 5000      |                                       | 40.1         | 44.3 | 49.6 | 54.7         | 56.9 | 60.6         | 63.3         | 64.4         | 66.5         | 67.8         | 67.9 | 68.6         | 68.6  | 68.7         | 68.8         |
| ≥ 4500<br>≥ 4000      |                                       | 45.6         | 50.2 | 56.1 | 61.6         | 63.9 | 67.9         | 70.9         | 72.0         | 74.3<br>78.1 | 75.7         | 75.9 | 76.5         | 76.6  | 76.7         | 76.7<br>80.5 |
| ≥ 3500<br>≥ 3000      |                                       | 49.6         | 54.7 | 61.2 | 67.0         | 69.5 | 73.9         | 77.1         | 78.3         | 80.8         | 82.2<br>85.2 | 82.4 | 83.1         | 83.1  | 83.2<br>86.2 | 83.3         |
| ≥ 2500<br>≥ 2000      |                                       | 52.9         | 58.6 | 65.7 | 71.8         | 74.4 | 79.2         | 82.8         | 84.0         | 86.6<br>89.4 | 88.1         | 88.3 | 89.0         | 89.1  | 89.2<br>92.0 | 89.3         |
| ≥ 1800<br>≥ 1500      |                                       | 54.8         | 60.7 | 68.3 | 74.6         | 77.4 | 82.4         | 86.2<br>87.6 | 87.5         | 90.1         | 91.8         | 92.0 | 92.7         | 92.8  | 92.9         | 92.9         |
| ≥ 1200<br>≥ 1000      | -                                     | 55.6<br>55.0 | 61.9 |      | 76.3         | 79.3 | 84.7         | 88.8         | 90.1         | 93.0         | 94.7         | 94.9 | 95.6         | 95.7  | 95.8         | 95.8         |
| ≥ 900<br>≥ 800        |                                       | 56.0         | 62.4 | 70.4 | 77.1         | 80.1 | 85.7         | 89.8<br>90.2 | 91.1         | 94.2         | 95.9         | 96.1 | 96.9         | 97.0  | 97.0         |              |
| ≥ 700<br>≥ 600        |                                       | 56.3<br>56.4 | 62.7 | 70.8 | 77.7         | 80.9 | 86.5<br>87.0 | 90.7         | 92.1         | 95.2         | 97.0         | 97.2 | 98.0<br>98.7 | 98.1  | 98.2<br>98.9 | 98.3         |
| ≥ 500<br>≥ 400        | · · · · · · · · · · · · · · · · · · · | 56.4         | 62.9 | 71.2 | 78.2         | 81.4 | 87.2         | 91.5         | 93.0         | 96.2         | 98.1<br>98.3 | 98.3 | 99.1         | 99.2  | 99.3         | 99,4         |
| ≥ 300<br>≥ 200        |                                       | 56.4<br>56.4 | 62.9 | 71.2 | 78.3<br>78.3 | 81.5 | 87.4         | 91.8         | 93.3         | 96.5         | 98.5<br>98.5 | 98.7 | 99.6         | 99.6  | 99.7         | 99.8         |
| ≥ 100<br>≥ 0          |                                       | 56.4         | 62.9 | 71.2 |              |      | 87.4         | 91.8         | 93.3         | 96.5<br>96.5 | 98.5         | 98.8 | 99.6         | 99.7  | 99.8         |              |

TOTAL NUMBER OF OBSERVATIONS

9854

USAF ETAC 1984 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TUKYO 1AP JAPAN/HONSHU 46-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY IST  | ATUTE MIL    | ES           |              |              |              |              |              |                  |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2 7         | ≥ 2          | ≥1'          | . ا≤         | ≥1           | ≥ '₄         | ≥ ′ ¥        | ≥ .          | ≥ 5 16       | ≥ .          | ≥0               |
| NO CEILING<br>≥ 70000 |     | 31.8         | ,            | 39.0         | 43.2         |              | 48.2         | 51.4         | 52.8<br>55.7 |              | 57.8<br>61.1 | 58.1         |              |              |              | 59.5<br>63.1     |
| ≥ 18000<br>≥ 16000    |     | 33.4         |              | 41.4         | 45.8         | 47.7         | 51.2<br>51.3 | 54.6         | 56.1<br>56.3 | 59.1<br>59.4 | 61.6         | 61.9         |              |              | 63.4         | 63.6             |
| ≥ 14000<br>≥ 12000    |     | 33.9         | 37.6<br>38.4 | 42.0<br>43.0 | 46.4         | 48.4         | 52.0<br>53.3 | 55.5<br>56.9 | 57.0<br>58.6 | 60.2         | 62.7         | 63.0<br>65.0 | 64.1         | 64.3         | 64.6         | 64.7             |
| ≥ 10000<br>≥ 9000     |     | 35.8<br>36.2 | 39.7<br>40.1 | 44.5<br>45.0 | 49.1         | 51.2<br>51.6 | 55.3<br>56.0 | 59.1<br>59.8 | 60.8<br>61.5 | 64.2<br>65.0 | 67.1         | 67.5<br>68.4 | 68.7         | 68.9<br>69.8 | 69.2         | 69.3             |
| ≥ 8000<br>≥ 7000      |     | 37.1         | 41.1         | 46.2         | 51.0<br>52.5 | 53.2<br>54.7 | 57.5<br>59.1 | 61.5         | 63.3         |              | 69.9<br>71.8 | 70.4         | 71.6         | 71.9         | 72.1<br>74.0 | 72.3             |
| ≥ 5000<br>≥ 5000      |     | 39,9<br>42,5 | 44.1         | 49.6<br>52.6 | 54.7<br>58.0 | 57.1<br>00.5 | 61.6         | 65.7         | 67.6         | 71.4         | 74.6<br>78.7 | 75.1<br>79.2 | 76.3<br>80.5 | 76.6<br>80.7 | 76.9<br>81.0 | 77.1<br>81.2     |
| ≥ 4500<br>≥ 4000      |     | 43.5         | 48.0         | 53.9<br>55.8 | 59.4<br>61.6 | 62.C         | 66.6         | 71.1<br>73.7 | 73.1<br>75.8 | 77.2         | 80.5<br>83.5 | 81.0<br>84.0 | 82.3<br>85.3 | 82.6<br>85.6 | 82.9<br>85.9 | 83 • 1<br>86 • 2 |
| ≥ 3500<br>≥ 3000      |     | 46.0         |              | 57.0<br>58.2 | 63.0         | 65.8         | 70.7         | 75.4         | 77.5         | 81.7<br>83.6 |              | 85.8<br>87.8 | 87.2<br>89.2 | 87.4         | 87.8<br>89.8 |                  |
| ≥ 2500<br>≥ 2000      |     | 47.6         |              | 59.2<br>60.3 | 65.5         | 68.5<br>69.8 | 73.6<br>75.1 | 78.7<br>80.3 | 80.9<br>82.5 | 85.4<br>87.2 | 89.2         | 89.7<br>91.5 | 91.1         | 91.4         | 91.7<br>93.6 |                  |
| ≥ 1800<br>≥ 1500      |     | 48.4<br>48.6 | 4.4.         | 60.5         | 67.0         | 70.0         | 75.4<br>76.1 | 80.6<br>81.5 | 82.8         | 87.6<br>88.5 |              | 91.9         |              | 93.7         | 94.6<br>95.1 | 94.3             |
| ≥ 1200<br>≥ 1000      |     | 48.8         | 54.2<br>54.5 | 61.3         | 68.0<br>68.4 |              | 76.6         | 82.1<br>82.8 | 84.4         | 89.3<br>90.2 |              | 93.8<br>94.7 | 95,3<br>96,2 | 95.5<br>96.5 |              | 96.2             |
| ≥ 900<br>≥ 800        |     | 49.1         | 54.6<br>54.7 | 61.7<br>61.8 | 68.4<br>68.6 | 71.7         | 77.3         | 83.3         | 85.3<br>85.7 | 90.3         |              | 94.9         |              | 96.6<br>97.1 | 97.0<br>97.5 | 97.3<br>97.8     |
| 2 700<br>≥ 600        |     | 49.3         | 54.8<br>54.9 | 61.9<br>62.1 |              | 72·1<br>72·3 | 77.9<br>78.1 | 83.7         | 80.1         | 91.2<br>91.6 | 95.3<br>95.8 | 95.8<br>96.3 | 97.3<br>97.8 | 97.6<br>98.1 | 98.0<br>98.5 | 98.3<br>98.8     |
| ≥ 500<br>≥ 400        |     | 49.4         | 54.9<br>54.9 | 62.1<br>62.1 | 69.1<br>69.1 | 72.5         | 78.4<br>78.4 | 84.4<br>84.5 | 86.9<br>87.0 |              | 96.3<br>96.4 | 96.8<br>97.0 | 96.4<br>98.5 | 98.7<br>98.8 | 99.1         | 99.4             |
| ≥ 300<br>≥ 200        |     | 49.4         | 54.9<br>54.9 | 62.1         | 69.2         |              | 78.4<br>78.5 | 84.6         | 87.1         | 92.3<br>92.3 | 96.5<br>96.6 | 97.1<br>97.1 | 98.7<br>98.7 | 99.0         | 99.4         | -                |
| 2 100<br>2 0          |     | 49.4         |              | 62.2         | 69.2         | 72.6         | 78.5<br>78.5 | 84.6         | 87.1         | 92.3<br>92.3 | 96.6         |              | 98.7         | 99.1         | 99.5         |                  |

TOTAL NUMBER OF OBSERVATIONS

11096

USAF ETAC 10.164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYL TAP JAPAN/HANSHU 47-60,69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | BILITY ST    | ATUTE MIL    | ES           |                  |              |      |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|------|--------------|--------------|--------------|
| FEE1                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2 ;         | ≥ ?          | ≥ì.          | ≥1.          | ≥1           | ≥ 3 <sub>4</sub> | ≥ /•         | ≥ .  | ≥5 16        | ≥ .          | 20           |
| NO CEILING<br>≥ 20000 |     | 35.0         |              | 44.0         | 48.3         |              | 53.5<br>55.3 | 57.4<br>59.3 | 58.2         | 59.8         | 60.5             | 60.7         | 60.7 | 60.7         | 60.6         | 60.8         |
| ≥ 18000<br>≥ 16000    |     | 37.4         |              | 45.6         | 50.4         | 52.1<br>52.3 | 55.8         | 59.9         | 50.7         | 62.6         | 63.5             | 63.6         | 63.7 | 63.7         | 63.5<br>63.9 |              |
| ≥ 14000<br>≥ '2000    |     | 37.6<br>38.0 |              | 46.0         |              | 52.5<br>53.5 | 56.3         | 60.4         | 61.3         | 63.4         |                  | 66.5         | 64.6 |              | 64.7         | 64.7         |
| ≥ 10000<br>≥ 9000     |     | 38,6<br>39.0 | 42.8<br>42.8 | 47.4         | 52.5<br>53.2 | 54.3<br>55.1 | 58.6<br>59.4 | 62.9         | 63.9         | 66.3         | 67.7             | 67.9<br>68.9 | 68.0 |              | 68.1<br>69.0 | ά8.1<br>69.0 |
| ≥ 8000<br>≥ 7000      |     | 40.1         | 43.9<br>45.4 | 49.1         | 54.5<br>56.0 | 56.4<br>58.0 | 60.8<br>62.6 | 75.          | 66.6         | 69.0<br>70.8 |                  | 70.7         | 70.7 | 70:7<br>72:5 | 70.8         |              |
| ≥ 6000<br>≥ 5000      |     | 44.1         | 47.9<br>52.6 | 53.2<br>58.2 | 58.6<br>63.8 | 60.7<br>65.9 | 65.4<br>70.7 | 70.2<br>75.6 | 71.3<br>76.7 | 73.8         | 75.1<br>80.8     | 75.4<br>81.0 | 75.4 | 75.4<br>81.1 | 75.5<br>81.2 | 75.5<br>81.2 |
| ≥ 4500<br>≥ 4000      |     | 49.9         | 54·3<br>55.7 | 60 · 1       | 65.8<br>67.6 | 67.9         | 72.9         | 77.9<br>80.1 | 79.0         | 81.7<br>84.2 | 83.2             | 83.4         | 83.5 | 1            | 83.5         | 83.5         |
| ≥ 3500<br>≥ 3000      |     | 52.1         | 56.6<br>57.9 | 62.8         | 68.8         | 71.0<br>72.8 | 76.1         | 81.6<br>83.7 | 82.7         | 85.7<br>87.7 | 87.2<br>89.4     | 87.4         |      | 87.5         | 87.6         | 87.6         |
| ≥ 2500<br>≥ 2000      |     | 54.2         | 59.7         |              | 71.8         | 74.2         | 79.6<br>30.8 |              | 86.3         | 89.2<br>90.5 |                  | 91.1         | 91.2 | 91.2         | 91.3         | 91.3         |
| ≥ 1800<br>≥ 1500      |     | 54.9         | 59.8<br>61.0 | 66.4         |              | 75.4         | 81.0         | 86.5<br>87.9 | 87.8         | 90.7         | 92.4             | 92.6         | 92.7 | 92.7         | 92.8         | 92.8         |
| ≥ 1200<br>≥ 1000      |     | 55.7<br>57.1 | 61.8         | 68.7         | 75.4         | 77.8<br>78.5 | 83.5<br>84.3 | 89.3<br>90.2 | 90.7         | 93.6         |                  | 95.5         |      | - 1          | 95.7<br>96.8 | 95.7<br>96.8 |
| ≥ 900<br>≥ 800        |     | 57.3<br>57.4 | 62.5         |              |              | 78.7<br>79.0 | 84.5         | 90.4<br>96.7 | 91.8<br>92.2 | 94.8         | 96.5<br>96.8     | 96.7         | 96.8 | 96.8<br>97.2 | 96.9         | 96.9         |
| ≥ 70°1<br>≥ 600°      |     | 57.5<br>58.3 | 62.8<br>63.8 |              | 76.7<br>77.8 | 79.2         | 85.1<br>86.2 | 91.0         | 92.4         | 95.4         | ,                | 97.5         |      |              | 97.7<br>98.8 | 97.7<br>98.8 |
| ≥ 500<br>≥ 400        |     | 58.8<br>58.8 | 54.3<br>64.3 |              | 78.5<br>78.5 | 81.0<br>81.0 | 86.9         | 92.8         | 94.3         | 97.2<br>97.2 | 99.1             | 99.3         | 99.4 | 99.5         | 99.6         | 99.6         |
| ≥ 300<br>≥ 200        |     | 58.8<br>58.8 |              |              | 78.6         | 81.1         | 87.1<br>87.1 | 92.9         | 94.4         | 97.4         | 99.3             | 99.5<br>99.6 | 99.6 | 99.7         | 99.B         |              |
| ≥ 100<br>≥ 0          |     | 58.8<br>58.8 |              | 71.5         | 78.6<br>78.6 |              | 87.1<br>87.1 | 92.9         | 94.5         | 97.4         |                  |              |      |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1360

USAF ETAC 1/104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311

TEKYE TAP JAPAN LEDNSHU

47-60,69,71-72

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| (ERING)            |             |              |              |      |              |                      | ٧١S                  | BILITY ST            | ATUTE MILI           | ES                   |                      |                      |                      |                      |                      |                      |
|--------------------|-------------|--------------|--------------|------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| FEET               | <u>.</u> 10 | ≥6           | ≥ 5          | ≥ 4  | ≥3           | ≥?.                  | ≥ 2                  | ≥1.                  | <u>.</u> 1,          | ≥1                   | 2.4                  | ≥ .                  | 2                    | ≥5 16                | ٤.                   | ≥0                   |
| NO CEILING         |             | 42.5         | 47.1<br>48.6 |      | 56.8<br>58.6 | 59.2                 | 59.0<br>61.0         |                      | 60.4                 |                      | _                    | 61.3                 | 61.3                 | 61.3                 | 61.3                 | 61.3                 |
| ≥ 18000<br>≥ 18000 |             | 44.5         | 49.1         | 54,7 | 59.2<br>59.3 | 59.7<br>59.8         | 61.5<br>61.6         | 62.7                 | 62.8                 | 63.4<br>63.5         | 63.8                 | 63.8                 | 63.8                 | 63,8<br>63,9         | 63.8                 | 63.8<br>63.9         |
| ≥ 14000<br>≥ 12000 |             | 45.4         |              | 1    | 60.3         | 60.9                 | 62.7<br>61.8         | 63.7                 | 64.1                 | 64.8<br>66.0         | 65.2                 | 65.2<br>66.4         | 65.2<br>66.4         | 65.2<br>66.4         | 65.2                 | 65.2                 |
| ≥ 10000<br>≥ 9,000 | <u> </u>    | 46.8         | 52.6         | 58.2 |              | 63.1                 | 65.1                 | 67.8                 | 66.7                 | 67.3                 | 67.9                 | 67.9<br>69.2         | 47.9                 | 69.2                 | 67.9                 | 69.2                 |
| ≥ 8000<br>≥ 7000   |             | 48.5         | 55.5         | 61.8 | 66.5         |                      | 67.2<br>69.5         | 70.9                 | 71.1                 | 71.8                 | 72.3                 | 69.9<br>72.3         | 69.9                 | 12.3                 | 69.9<br>72.3         | 72.3                 |
| ≥ 6000<br>≥ 5000   | !           | 54.0<br>57.8 | 63.1         | 69.6 | 74.9         | 70.8                 | 78.2                 | 74.7                 |                      | 75.6<br>80.6         | 81.1                 | 76.2                 | 76.2<br>81.1         | 76.2<br>81.1<br>83.7 | 76.2<br>81.1<br>83.7 | 76.2<br>81.1<br>83.7 |
| ≥ 4000             |             | 60.2         | 58.5         |      | 80.5         | 78.2<br>81.1<br>82.6 | 80.8<br>83.9<br>85.4 | 82.3<br>85.4<br>87.0 | 82.6<br>85.7<br>87.3 | 83.2<br>86.3<br>88.0 | 83.7<br>86.9<br>88.5 | 83.7<br>86.9<br>88.5 | 83.7<br>36.9<br>88.5 | 80.9                 | 86.9                 | 86.9                 |
| ≥ 3000<br>≥ 2500   |             | 65.9         | 71.0         | 77.8 | 83.3         | 84 · C               | 86.8                 | 89.3                 | 38.6                 | 89.3                 | 89.8                 | 89.8<br>90.8         | 89.8                 | 89.8                 | 8.68                 | 89.8                 |
| ≥ 2000             |             | 67.6         | 73.1         | 80.1 | 85.7         | 86.4<br>86.9         |                      | 90.9                 | 91.2                 | 91.8                 | 92.4                 | 92.4                 |                      | 1                    | 92.4                 | 92.4                 |
| ≥ 1500             |             | 68.2         | 74.2         | 61.3 | 87.0         | 87.7                 | 90.6                 |                      | 92.5<br>93.6         | 93.2                 | 93.8                 | 93.8                 | 93.8                 | 94.9                 |                      | 93.1                 |
| ≥ 900              |             | 69.6         |              | 83.1 | 84.2         |                      |                      | 94.5                 | 95.2                 | 96.4                 | 96.6                 | 96.9                 | 96.6                 |                      | 96.6                 | _                    |
| ≥ 800              |             | 70.0         |              |      |              | 90.9                 | 93.5                 | 96.0                 | 96.4                 | 96.7                 | 97.9                 | 97.9                 |                      | 97.9                 | 97.9                 | 97.9                 |
| ≥ 500<br>≥ 400     |             | 70.5         | 77.3         | 85.0 | 90.9         | 92.1                 | 95.2                 | 97.4                 | 97.8                 | 98.7                 | 99.1                 | 99.1                 |                      |                      |                      |                      |
| ≥ 300<br>≥ 200     |             | 70.7         | 77.3         | 85.0 | 1            | 92.2                 | 95.4                 | 97.8                 | 98.1                 | 99.1                 |                      | 99.9                 | 99.9                 | 99.9                 |                      | 99,9                 |
| ≥ 100<br>≥ 0       |             | 70.7<br>70.7 | 77.5         | 85.0 |              |                      | 95.4                 | 97.8                 | 98.1                 | 99.1<br>99.1<br>99.1 | 99.9                 | 99.9                 | 99.9                 | 99.9                 | 99.9                 | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1347

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOLYL TAP JAPAN/HINSHU 47-60,69,71-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | BILITY STA   | TUTE MILE    | S            |              |              |              | <del>-</del> |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 ;         | ≥ 2          | ≥1           | ≥1 4         | ≥1           | ≥ 14         | ≥ ,          | ≥ -          | ≥ 5 16       | ۶.           | ≥0           |
| NO CEILING<br>≥ 20000 |     | 24.6         | 28.8<br>29.5 | -            | 38.8         | 40.5         | 43.8         | 47.7         | 48.9         | 53.1<br>55.5 | 57.3         | 57.8         | 58.8<br>61.5 | 59.1<br>61.8 | 59.5<br>62.2 | 59,5<br>62,2 |
| ≥ 18000<br>≥ 16000    |     | 25.4         | 29.0         | 35.3         | 40.2         | 42.1         | 45.5         | 49.6         | 51.0         | 55.6<br>55.8 | 60.1         | 60.7<br>60.8 | 61.7<br>61.8 | 62.1         | 62.4         | 62.4         |
| ≥ 14000<br>≥ 12000    |     | 26.2         | 30.4         | 36.5         | 41.5         | 43.4         | 47.0         | 51.3<br>52.5 | 52.7<br>54.1 | 57.4<br>58.8 | 62.0         | 62.6         |              | 64.0<br>65.5 | 64.3         | 64.3         |
| ≥ 10000<br>≥ 9000     |     | 27.2         | 31.6         | 37.9         | 43.3<br>43.8 | 45.3         | 49.2         | 53.8<br>54.4 | 55.5<br>56.0 | 60.2         | 64.9         | 65.5         | 66.5         | 67.5         | 67.3<br>67.9 | 67.9         |
| ≥ 8000<br>≥ 7000      |     | 28.1         | 32.5         | 39,0         | 44.5         | 46.5         | 50.4<br>51.7 | 55.1<br>56.6 | 56.7<br>58.2 | 61.5         | 66.4<br>67.8 | 67.0         | 49.5         | 70.0         | 68.8<br>70.3 | 70.4         |
| ≥ 6000<br>≥ 5000      |     | 30.9         |              | 42.3         | 48.1         | 50.3<br>55.2 | 54.4         | 59.3         | 61.0         | 65.9<br>71.4 | 77.8<br>76.3 | 71.4<br>76.9 |              |              | 78.7         | 73.4         |
| ≥ 4500<br>≥ 4000      |     | 35.1<br>36.8 | 40.7         | 48.1         | 54.9         | 57.4<br>60.6 | 1            | 67.0<br>70.4 | 68.7         | 73.9         | 79.0<br>82.5 | 79.6<br>83.1 | 84.2         | 81.1         | 81.5<br>85.1 | 85.2         |
| ≥ 3500<br>≥ 3000      |     | 38.1         |              | 52.2         | 59.7         | 62.4         | 67.2         | 72.7         | 74.4<br>76.8 |              | 84.8<br>87.3 | 85.4<br>87.8 | 89.0         | 89.×         | 87.5<br>90.0 | 90.0         |
| ≥ 2500<br>≥ 2000      |     | 39.3         |              | 54.6<br>55.3 |              | 65.7         | 71.9         | 77.7         | 78.3<br>79.5 | 85.0         | 90.2         |              | 91.9         | 92.5         | 92.9         | 93.0         |
| ≥ 1800<br>≥ 1500      |     | 40.1         | 1 1 -        |              | 64.8         | 67.1         | 72.4         | 78.8         | 79.9         | 86.2         | 90.6         | 91.5         | 93.1         | 93.6         | 24.1         | 94.1         |
| ≥ 1200<br>≥ 1000      |     | 41.1         | 47.8         | 57.1         | 66.2         | 69.5         | 74.9         | - MAKE       |              | 88.2         | 92.6         | 94.1         | 95.3         | 95.8         | 96.3         | 96.3         |
| ≥ 900<br>≥ 800        |     | 41.2         |              | 57.1         | 66.8         | 70.2         | 75.8         | 81.8         | 83.6         | 89.5         | 94.8         | 95.4         | 96.6         | 97.1         | 97.5         | 97.6         |
| ≥ 700<br>≥ 600        |     | 41.4         | 48.4         | 58.7         | <del></del>  | 71.          | 77.1         | 83.2         | 84.9         | 90.8         | 96.2         | 96.5         | 98.1         | 98.6         | 99.0         | 99.1         |
| ≥ 500<br>≥ 400        |     | 41.          | 48.0         | 58.4         | 68.1         | 71.6         | 77.7         | 83.7         | 85.4         | 91.4         | 96.8         | 97.4         | 98.8         | 99.          | 99.7         | 99.8         |
| ≥ 300 ≥ 200           |     | 41.          | 48.          | 5 58.4       | 68.1         | 71.          | 77.          | 83.7         | 85.          | 91.5         | 96.9         | 97.          | 98.6         | 99.3         | 99.          | 99.9         |
| ≥ 10°<br>≥ 0          |     | 41.          | _1           | 5 58.4       | 68.1         | 71.          |              | 83.7         | 85.          | 91.5         | 96.9         |              | 98.6         |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1365

USAF ETAC JUL64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311

TOKYC TAP JAPANSEDS SHU

47-60:69:71-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEIUNG                     |               |                      |              |              |              |              | VIS          | BILITY -ST.  | ATUTE MILI           | ES,          |              |                      |              |                      |                      |       |
|----------------------------|---------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|----------------------|--------------|----------------------|----------------------|-------|
| FEET                       | ≥10           | ≥6                   | ≥ 5          | ≥ 4          | ≥3           | ≥2           | ≥ 2          | ≥1           | ≥1',                 | ≥1           | ≥ ′4         | ≥ ,                  | ≥ ≀          | ≥5 16                | ≥ .                  | ≥0    |
| NO CEILING<br>≥ 20000      |               | 27.0<br>28.8         |              | 34.9         |              |              | 43.8<br>47.2 |              | 48.9<br>53.1         | 52.6<br>57.8 |              | 56.3<br>62.0         | 58.0<br>63.8 |                      | 58.3<br>64.2         |       |
| 2 18000                    |               | 28.8                 |              | 37.3<br>37.3 | 42.1         | 44.1         | 47.5         | 51.8<br>52.1 | 53.3<br>53.6         | 58.3<br>58.5 | 61.4         | 62.7                 | 64.5         | 64.7<br>65.0         | 64.9                 | 65.5  |
| ≥ 14000<br>≥ 12000         |               | 29.0                 | 32.7         | 37.6         | 42.7         | 44.7         | 48.2         | 52.8<br>54.0 | 54.3<br>55.5         | 59.3         | 62.7         | 63.9                 | 65.9         | 66.0                 | 66.5                 | 66.6  |
| ≥ 10000<br>≥ 9000          |               | 29.3                 | 33.4         | 38.8         | 44.1         | 46.3         | 50.0<br>50.4 | 55.0<br>55.5 | 56.6                 | 62.1<br>62.7 | 65.7         | 67.1<br>67.8         | 69.1<br>69.8 | 69.3<br>70.0         |                      |       |
| ≥ 8000<br>≥ 7000           |               | 30.1                 | 34.2<br>35.1 | 39.7<br>40.8 |              | 47.4         | 51.3<br>53.3 |              | 58.3<br>60.5         | 64.0         | 67.6<br>69.9 | 69.1<br>71.3         | 71.2<br>73.5 | 71.3                 | 71.9<br>74.3         | 72.0  |
| ≥ 6000<br>≥ 5000           |               | 31.7                 | 36.1<br>38.4 | 44.5         | 47.9<br>51.1 | 50.4         | 54.7<br>58.3 | 60.2         | 61.9                 | 67.9<br>72.5 |              | 73.3                 | 80.5         | 80.7                 | 76.2                 | 81.4  |
| ≥ 4500<br>≥ 4000           |               | 34.6                 | 40.1         | 46.8         | 54.1         | 55.0<br>57.1 | 60.2         | 68.7         | 68.3                 | 75.0<br>78.1 | 82.6         |                      | 80.5         | 83.4                 |                      | 87.5  |
| ≥ 3500<br>≥ 3000<br>≥ 2500 |               | 35.4                 | 40.8         | 48.2         | 56.0         | 59.5         |              | 72.4         | 72.8                 | 79.7<br>81.8 | 84.2         | 85.8                 | 90.2         |                      | 91.0                 |       |
| ≥ 2000                     |               | 36.0                 | 41-1         | 48.6         | 57.1         | 60.8         |              | 74.3         | 76.2                 | 83.3         | 88.7         |                      | 92.6         | 91.9<br>92.8         |                      | 93.7  |
| ≥ 1500                     |               | 36.0                 | 41.4         | 49.0         | 57.8         | 61.5         |              | 75.0         | 77.7                 | 85.2         | 89.0<br>89.8 | 91.4                 |              | 94.0                 | 94.7                 | 94.1  |
| ≥ 1000                     |               | 36.3<br>36.3<br>36.4 | 41.7         | 49.4         | 58.6         | 62.3         |              | 76.2         | 78.3<br>78.9<br>79.4 | 86.6         | 91.2         | 92.8<br>92.8         |              | 95.4                 | 95.4<br>96.2<br>96.8 | 96.4  |
| ≥ 800                      |               | 35.4                 | 41.8         | 49.6         | 59.1         | 62.9         | 69.5         | 77.0         | 79.7                 | 87.6<br>88.3 | 92.2         | 93.3                 |              | 96.4                 | 97.2                 | 97.4  |
| ≥ 600<br>≥ 500             |               | 36.6                 | 42.0         | 49.7         | 39.5         | 63.4         | 70.3         | 78.1         | 80.9                 | 89.0         | 93.6         | 94.5<br>95.2<br>95.8 | 97.8<br>98.4 | 97.2<br>98.0<br>98.6 | 98.7                 | 98.9  |
| ≥ 400<br>≥ 300             | <del></del> - | 36.6                 | 42.0         | 49.8         | 59.6         | 63.5         |              | 78.4         |                      | 89.5         | 94.2         | 95.8                 |              |                      | 99.3                 | 99.5  |
| ≥ 100                      |               | 36.6<br>36.6         | 42.0         | 45.8         | 59.6         | 63.5         |              | 78.4         | 81.3                 | 89.8         | 94.5         |                      | 98.8         | 99.0                 | 99.7                 | 100.0 |
| ≥ 0                        |               | 1 -                  | 42.0         | 1 - 4 -      | _            | 63.5         |              |              |                      |              |              |                      | 98.8         |                      |                      | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

1406

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TUKY: 1AP JAPAN/HINSHU 47-60,69,71-72

~9¥íл 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| Ctuling .             |     |              |              |              |              |              | VIS          | BILITY STA | ATUTE MILE   | 5    |              |      |                      |              |                  |            |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|------|--------------|------|----------------------|--------------|------------------|------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2'          | ≥ 2          | ≥1,        | ≥1,          | ≥1   | 2 4          | ≥′,  | ≩.                   | ≥5 16        | ₹.               | ≥0         |
| NO CEILING<br>≥ 20000 |     | 46.6<br>50.1 |              | 51.7<br>56.2 | 54.4         |              |              |            | 37.3<br>63.7 | - 1  |              |      |                      |              |                  | -          |
| ≥ 18000<br>≥ 16000    |     | 50.3         | 53.1         |              | 60.0         | 61.0         | 62.3         | 63,6       | 64.1         | 64.8 | 64.9         | 65.0 | 65.1                 | 65.5         | 65.2             | 65.2       |
| ≥ 14000<br>≥ 12000    |     | 51.1<br>52.1 | 54.1         | 57.7         | 61.3         | 62.4         | 63.9         | 65.5       | 66.1         | 66.8 | 66.9         | 67.0 |                      | 67.1         | 67.2             | 67.2       |
| ≥ 10000<br>≥ 9000     |     | 52.6         |              |              |              |              | 67.5         |            |              |      | 70.5         |      |                      | 70.8<br>71.4 | 70.9<br>71.5     |            |
| ≥ 8000<br>≥ 7000      |     | 54.1<br>55.5 | 57.5<br>59.1 | 61.4         | 65.5         | 66.8         |              | 70.9       | 71.8         | 72.6 | 72.9         | 72.9 |                      |              | 73.4<br>75.8     |            |
| ≥ 6000<br>≥ 5000      |     | 57.3<br>59.8 | 61.0<br>53.8 | 65.2         | 69.5         | 70.8         | 73.4         | 75.3       |              |      | 77.5<br>82.2 |      | 78.0<br>82.7         |              | 78 • 1<br>82 • 8 |            |
| ≥ 4500<br>≥ 4000      |     | 60.3         |              | 69.3<br>71.9 | 74.0         | 75.4         | 78.7         | 80.7       | 82.1         | 83.4 | 83.7         | 83.4 | 54.2                 |              | 84.3<br>87.7     |            |
| ≥ 3500<br>≥ 3000      |     |              | 67.3         | 72.4         | 77.3         | 78.8         | 82.1         | 84.7       | 86.0         | 87.5 | 88.0         | 88.1 |                      |              | 88.7<br>90.6     |            |
| ≥ 2500<br>≥ 2000      |     | 64.1         |              | 74.1         | 79.2         | 80.9         | 84.6         | 87.7       | 89.1         | 90.6 | 91.1<br>92.5 | 91.3 | 91.7                 | 91.7         | 91.5             | 91.        |
| ≥ 1800<br>≥ 1500      |     | 54.1         |              | 74.5         |              |              |              |            |              |      |              |      | 93.8                 |              | 94.0             |            |
| ≥ 1200<br>≥ 1000      |     | 64.3         |              | 74.8         | 60.3<br>61.0 | 82.6<br>83.3 | 87.0<br>87.8 | 90.6       | 92.1         | 93.8 | 94.3         | 94.5 | 95.0<br>96.3         | 95.0         | 95.3<br>96.5     | 95.<br>96. |
| ≥ 900<br>≥ 800        |     | 64.6         |              | 75.4         | 81.2         | 83.7         | 88.2         | 91.8       | 93.6         | 95.4 | 96.0         | 96.2 | 96.7                 | 96.7         | 96.9             | 96.        |
| ≥ 700<br>≥ 600        |     | 64.7         | 69.6         | 75.7         |              | 84.5         | 89.2         | 93,1       | 94.9         | 96.7 | 97.2         | 97.4 | 97 <b>.9</b><br>98.7 | 97.9         | 98.2             | 98.        |
| ≥ 500<br>≥ 400        |     | 64.8         |              | 76.0         |              | 85.4         | 90.3         | 94,5       | 96.3         | 98.2 | 98.8         | 99.0 | 99.5                 | 99.5         | 99.7             | 99.        |
| ≥ 30∪<br>≥ 200        |     |              |              | 76.0         |              |              |              |            |              |      |              |      | 99.8                 |              |                  |            |
| ≥ 100<br>≥ 0          |     |              | 69.8         | 76.0         | 82.3         |              |              |            |              |      |              |      |                      |              | 100.0            |            |

TOTAL NUMBER OF OBSERVATIONS

1411

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS LOTTIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

2

43311 TOKYU TAP JAPAN/HUNSHU 47-60-69-71-72

\_\_\_\_<u>, 14, 1</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING                    |      |                      |              |      |              | ,                    | VIS                  | BILITY ST    | ATUTE MILE | :S-          |              |                      |                      |              |              |              |
|----------------------------|------|----------------------|--------------|------|--------------|----------------------|----------------------|--------------|------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|
| FEET                       | ≥ '0 | ≥6                   | ≥ 5          | ≥ 4  | ≥3           | ≥2'.                 | ≥ ?                  | ≥1';         | ≥1 ,       | ≥ı           | ≥ 14         | ≥ ′,                 | ≥ ,                  | ≥5 16        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000      |      | 48.5                 | 50.4         | +    | 53.4<br>59.9 | 53.7                 | _                    | 55.0<br>61.8 | 55.1       | 55.4<br>62.3 |              | 55.6<br>62.6         | 55.6                 | 55.6         |              | 55.6<br>62.6 |
| ≥ 18000<br>≥ 16000         |      | 54.5<br>55.0         | 56.7<br>57.2 |      |              | 60.6                 | 61.3                 | 62.6         | 62.2       | 62.6         | 62.8         | 62.9                 | 62.9                 | 62.9         | 62.9<br>63.4 | 62.9         |
| ≥ 14000<br>≥ 12000         |      | 55.7<br>56.5         | 58.0<br>59.0 |      | 61.8<br>63.0 |                      | 62.9                 | 63.7         | 63.9       | 64.2         | 64.4         | 64.5                 | 64.5                 | 66.4         | 64.5         | 64.5         |
| ≥ 10000<br>≥ 9000          |      | 57.6<br>58.0         |              |      | 64.5         | 65.7                 | 66.0                 | 67.2<br>67.8 | 67.3       | 67.7         | 67.9<br>68.5 | 68.0<br>68.8         | 68.1<br>68.8         | 68.1<br>68.8 | 68.1<br>68.8 |              |
| ≥ 8000<br>≥ 7000           |      | 59.1<br>60.6         | 63.6         | 66.7 | 66.5<br>68.2 | 67.1<br>68.9         | 68.0<br>69.8         | 69.4         | 71.6       | 71.9         | 72.1         | 70.9                 | 70.5<br>72.4         | 72.4         | 70.5         | 70.5         |
| ≥ 6000<br>≥ 5000           |      | 63.1                 |              | 73.6 | 71.3<br>75.3 | 71.9                 | 72.8                 | 74.4         | 79.0       | 75.1<br>79.4 | 75.3<br>79.6 | 79.8                 | 75.6<br>79.9         | 79.9         | 75.6         | 75.6         |
| ≥ 4500<br>≥ 4000           |      | 68.0<br>70.4         | 73.9         | 75.1 | 76.9         | 80.7                 |                      | 80.5         | 80.7       | 85.0         | 85.4         | 85.6                 | 81.8                 | 85.7         | 85.7         | 81.8         |
| ≥ 3500<br>≥ 3000           |      | 71.1                 |              | 78.7 |              | 83.0                 |                      | 84.8         | 85.2       | 88.1         | 88.8         | 89.0                 | 86.9<br>89.2         | 89.2         | 89.2         | 89.2         |
| ≥ 2500<br>≥ 4000<br>≥ 1800 |      | 72.6                 | 70.7         | 81.1 | 83.9         | 84.5<br>85.1         | 86.2<br>87.1         | 89.4         | 88.8       | 90.9         | 92.0         |                      | 91.1                 | 92.4         |              | 91.1         |
| ≥ 1200                     |      | 73.1                 | 77.3         | 31.9 | 84.8         | 86.0                 | 87.6<br>88.1<br>86.7 | 90.7         | 91.3       | 92.7         | 93.9         | 92.8<br>94.2<br>95.3 | 93.0<br>94.3<br>95.4 | 94.3         |              | 94.3         |
| ≥ 1000                     |      | 73.5<br>73.5<br>73.8 | 77.9         | 82.7 | 85.6         | 86.5<br>86.9<br>87.1 |                      | 92.5         | 93.1       | 94.5         | 95.7         | 96.0                 | 96.1<br>96.6         | 96.1         | 96.1         | 96.1         |
| ≥ 800<br>≥ 700             |      | 74.0                 |              | 83.3 | 86.3         | 87.6                 | 90.1                 | 93.4         | 94.3       | 95.8         | 97.0         |                      | 97.4                 | 97.4         | 97.4         | 97.4         |
| ≥ 500                      |      | 74.1                 | 78.3         | 83.5 | 86.6         | 88.1                 | 90.8                 | 94.5         | 95.4       | 96.9         | 98,2         |                      | 98.6<br>99.1         | 98.6         |              | 98.6         |
| ≥ 400                      |      | 74.1                 | 78.3<br>78.3 | 83.5 | 86.9         | 88.4                 | 91.4                 | 95.3         | 96.2       | 97.8         | 99.2         | 99.5                 | 99.6                 | 99.6         | 99.6         | 99.6         |
| ≥ 200                      |      | 74.1                 | 78.3         | 83.5 | 86.9         | 88.4                 | 91.5                 | 95.3         | 96.3       |              | 99.5         | 99.4                 | 99.9                 | 99.9         |              | 99.9         |
| ≥ 0                        |      | 74.1                 | 78.3         | 83.5 |              |                      | و أو                 | 95.3         | 96.3       | 98.0         |              |                      |                      |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1392

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYO 1AP JAPANGHANSHU 47-60.69.71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1306-5000

| CEILING               |     |              | **********   |              |              |              | VIS          | BILITY ST    | ATUTE MILI   | ES           |              |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2 2         | ≥ 2          | ≥1'-         | ≥1.          | ≥1           | ≥ '4         | ≥ ′ 8        | 2            | ≥ \$ 16      | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 43.3         | 46.1         |              | 52.3<br>55.6 | 52.9<br>56.3 | 54.3<br>58.1 | 55.9<br>59.8 | 56.7         |              | 58.9<br>63.5 |              |              | 59.2<br>63.7 | 59.2<br>63.7 | 59.2         |
| ≥ 18000<br>≥ 16000    |     | 46.2<br>46.3 | 49.3         | 52.9<br>53.1 | 55.9<br>56.2 | 56.6<br>56.8 | 58.4<br>58.7 | 60.4         | 61.1         | 62.7         | 63.9         | 63.9         | 64.4         | 64.4         | 64.1         | 64.4         |
| ≥ 14000<br>≥ 12000    |     | 47.0<br>46.0 | 50.1         | 53.9<br>55.1 | 57.1<br>58.3 | 57.8<br>59.1 | 59.7<br>61.4 | 61.4         | 62.3         | 63.9         | 65.2         | 65.2<br>67.0 | 65.4<br>67.2 | 65.4         | 65.4         | 65.4         |
| ≥ 10000<br>≥ 9000     |     | 48.5<br>49.0 | 51.8         | 55.7<br>56.2 | 59.1<br>59.6 | 60.0         | 62.8         | 64.1<br>64.8 | 65.2<br>65.8 | 66.9         | 68.3<br>68.9 | 68.3<br>68.9 | 68.5<br>69.1 | 68.5<br>69.1 | 68.5         | 68.5         |
| ≥ 8000<br>≥ 7000      |     | 50.1<br>51.5 | 53.4<br>54.8 | 57.6<br>58.9 | 61.0         |              | 64.4<br>65.9 | 66.6<br>66.1 | 67.6         | 69.3<br>70.5 | 70.7         | 70.7<br>72.3 | 70.9         | 70.9         | 70.9         | 70.9         |
| ≥ 6000<br>≥ 5000      | ·   | 54.3<br>57.9 | 57.6         | 61.8<br>66.0 | 65.5<br>69.8 |              | 68.8<br>73.3 |              |              | 73.8<br>76.4 | - 1          | 75.4<br>80.1 | 75.7<br>80.3 | 75.7<br>80.3 | 75.7<br>80.3 | 75.7         |
| ≥ 4500<br>≥ 4000      |     | 59.1<br>50.3 | 62.7         | 67.4<br>68.8 | 71.3         |              | 74.9<br>76.6 |              | 78.2<br>80.3 | 79.9<br>82.0 |              | 81.6<br>83.8 | 81.8         |              | 81.8<br>84.0 | 81,8<br>84.0 |
| ≥ 3500<br>≥ 3000      |     | 61.1         | 64.9         |              | 73.8         |              | 77.6         | 80.3<br>82.0 |              | 83.2<br>85.2 | 85.0<br>87.0 |              | 85.2<br>97.3 | 85.2<br>87.3 | 1            |              |
| ≥ 2500<br>≥ 2000      |     | 53.3<br>54.1 | 67.2         | 72.5<br>73.8 | 77 · 1       | 76.4<br>80.1 | 81.2<br>82.9 | 84.1<br>85.9 | 85.2<br>87.0 | 87.2<br>89.2 | 89.1<br>91.3 | 89.1<br>91.4 | 89.4<br>91.6 | 89.4<br>91.6 |              |              |
| ≥ 1800<br>≥ 1500      |     | 65.0         | 68.3         | 74.2         | 79.2<br>80.4 | 80.7<br>82.0 | 83.6         | 96.5<br>88.2 | 87.6         | 89.9<br>91.6 | 92.1<br>93.3 | 92.2         | 92.4         | 92.4         | 94.1         | 92.4         |
| ≥ 1200<br>≥ 1000      |     | 65.5         | 69.6         |              | 81.2<br>81.6 | 83.0<br>83.4 | 86.4         | 89.8<br>90.4 |              | 93.3         |              |              | 95.7<br>96.3 | 95.7         | 95.7         |              |
| ≥ 900<br>≥ 800        |     | 65.8         | 69.9<br>70.2 | 76.1<br>76.4 | 82.0<br>82.5 | 83.8         | 87.8         | 91.3         |              | 94.4         | 96.6         | 96.6         |              |              | 96.8         | 96.8         |
| ≥ 700<br>≥ 600        |     | 66.1         | 70.2         | ,            | 82.6<br>82.8 |              | 87.9<br>88.2 | 91.8         | 93.0         | 95.2<br>95.5 | 97.4<br>97.8 | 97.6<br>98.0 |              | -            | 97.8<br>98.2 | 97.8<br>98.2 |
| ≥ 500<br>≥ 400        |     | 66.2         | 70.4         | 1            | 83.1         | 84.8         | 88.5<br>88.7 | 92.3         |              |              | 98.8         | 99.1         | 98.8<br>99.4 | 98.8<br>99.4 | 98.8<br>99.4 | 98.8         |
| ≥ 300<br>≥ 200        |     | 66.2         | 70.4         |              | 83.1<br>83.1 | 85.0<br>85.0 |              | 93.0         |              |              |              |              | 99.7         | 99.7         |              | -            |
| ≥ 100<br>≥ 0          |     | 66.2         |              | 76.9<br>76.9 | 83.1<br>83.1 | 85.0<br>85.0 |              | 93.0         |              |              |              | 99.6         |              | -            | 99.9         | 99.9         |

TOTAL NUMBER OF OBSERVATIONS

1364

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TUKYU 1AP JAPAN/FUNSHU 47-60-69-71-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |     |              |              |              |              |                  | VIS          | BILITY ST    | ATUTE MIL    | £5           |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2.              | ≥ 2          | ≥1'-         | ≥1.          | ≥1           | ≥ ,⁴         | ≥ 'ı         | ≥            | ≥5 16        | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 36.5<br>37.2 | 38·3<br>39·1 | 40.5         | 44.3         |                  | 49.3<br>50.9 |              | 54.2<br>56.0 |              |              | 59.8<br>62.2 | 61.1<br>63.5 | 61.1<br>63.6 | 61.2         | 61.3          |
| ≥ 18000<br>≥ 16000    |     | 37.3<br>37.3 |              | 41.5<br>41.5 | 45.6<br>45.6 | 47.1<br>47.1     | 51.0<br>51.0 | 55.0<br>55.0 | 56.1<br>56.1 | 59.1<br>59.3 | 62.0<br>62.2 | 62.5         | 63.6         |              | 63.8         | 64.0          |
| ≥ 14000<br>≥ 12000    |     | 37.6<br>38.3 | 39.5<br>40.1 | 41.9         | 46.0<br>46.8 | 47.5             | 51.5<br>52.4 | 55.5<br>56.5 | 56.6<br>57.8 | 60.0         | 62.8         | 63.2         | 64.5         | 64.6         | 64.7<br>66.2 | 66.2          |
| ≥ 10000<br>≥ 9000     |     | 38.5         | 40.5         | 43.1<br>44.0 | 47.6         | 49 · 1<br>50 · 4 | 53.2<br>54.5 | 57.4<br>58.8 | 58.8         | 62.6         | 65.7<br>67.2 | 66.1         | 67.6         |              | 67.7         | 67.8          |
| ≥ 8000<br>≥ 7000      |     | 40.5         | 42.7         | 45.4<br>47.2 | 50.1<br>51.8 | 51.8<br>53.5     | 56.0<br>57.8 | 60.3         | 61.9<br>63.8 | 65.7<br>67.7 | 68.8<br>70.8 | 69.2<br>71.2 | 70.6         |              | 70.8<br>72.8 | 72.9          |
| ≥ 6000<br>≥ 5000      |     | 44.8         | 47.3<br>50.3 | 50.1<br>53.3 | 54.9<br>58.3 | 56.6<br>60.0     | 61.0<br>64.5 | 65.5         | 67.1<br>70.7 | 71.0<br>74.8 | 74.2<br>78.0 | 74.6<br>78.4 | 76.0<br>79.9 | 76.1<br>30.0 | 76.2<br>80.1 | 80.2          |
| ≥ 4500<br>≥ 4000      |     | 49.3<br>51.4 |              | 54.9<br>57.2 | 60.0         | 61.8             | 69.4         | 71.5         | 73.1<br>76.0 |              | 80.4<br>83.6 | 80.8<br>83.9 | 82.3<br>85.5 | 85.5         | 82.4         | 82.5          |
| ≥ 3500<br>≥ 3000      |     | 51.8<br>52.5 |              | 57.9<br>58.7 | 63.3         | 65.3<br>66.5     | 70.3<br>71.5 | 75.4         |              | 81.3<br>82.5 | 84.7<br>85.9 | 85.0<br>86.3 | 86.6<br>87.8 | 87.9         | 86.7         |               |
| ≥ 2500<br>≥ 2000      |     | 52.9<br>53.8 |              |              | 65.2<br>67.3 | 67.3             | 72.3         | 77.5         | 79.2<br>81.4 | 83.6<br>85.8 | 86.9<br>89.2 | 87.3<br>89.6 | 88.9         | 88.9<br>91.2 | 89.0<br>91.3 | 91.4          |
| ≥ 1800<br>≥ 1500      |     | 54.4<br>55.3 | 58.5         | 62.7         |              | 70.3<br>71.4     | 75.5         |              | 82.4<br>83.6 | 86.7<br>87.9 |              | 90.8<br>92.0 | 92.3<br>93.5 | 92.4<br>93.6 | 92.5         | 93.7          |
| ≥ 1200<br>≥ 1000      |     | 56.0         | 59.7         | 63.9         | 70.7         | 72.7<br>73.2     | 78.0<br>78.7 | 84.4         | 85.2<br>86.1 | 89.5<br>90.4 | 93.2         | 93.6         |              |              | 95.3         | 96.2          |
| ≥ 900<br>≥ 800        |     | 56.8         | 50.0         | 64.5         | 70.9         | 73.4             | 78.9<br>79.4 | 84.6         | 86.3         | 91.2         | 94.3<br>94.8 | 94.7         | 96.2         |              |              | 97.0          |
| ≥ 700<br>≥ 600        |     | 57.2         | 60.5         | 64.9         | 71.8         | 74.9             | 79.9<br>80.5 | 86.2         | 87.3<br>88.1 | 92.4         | 96.3         |              |              | 98.3         | 97.6         | 98.5          |
| ≥ 500<br>≥ 400        |     | 57.4<br>57.4 | 60.8         |              | 72.9         | 75.5             | 81.0         | 86.9         |              | 93.1         | 97.1         | 97.4         | 98 <b>.9</b> | 99.1         | 99.2         | 99.3          |
| 200                   |     | 57.4         | 50,8         | 65.5         | 72.9         | 75.5             | 81.3         | 87.2         | 89.1         | 93.5         | 97.5         | 97.9         |              | 99.6         | 99.5         | 99.8          |
| ÷ 10%<br>≥ 0          |     | 57.4         | 1 ' '        |              | 72.9         | 75.5<br>75.5     | 81.3         | 87.2<br>87.2 | 89.1         | 93.5         | 97.5<br>97.5 | 97.9<br>97.9 | 99.5         |              |              | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1356

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TUKYO 1AP JAPAN/ TONSHU 47-60,69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0500

| CEIUNG                    |              |              |              |                      | <u></u>              |                      | VIS                  | IBILITY STA          | ATUTE MILI           | ES                   |                      |                      |                      |              | - N                  |                      |
|---------------------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|
| FEET                      | ≥10          | ≥6           | ≥5           | ≥ 4                  | ≥3                   | ≥2,                  | ≥ 2                  | ≥1 -                 | ≥1'4                 | ≥1                   | ≥ ′4                 | ≥`•                  | ≥ .                  | ≥ 5 16       | ٤.                   | ≥0                   |
| NO CEILING<br>≥ 20000     |              | 34.9<br>36.4 | 38.3<br>39.8 | 40.9<br>42.7         | 44.8                 | 46.9<br>48.8         | 50.1<br>52.2         | 52.2<br>54.7         | 52.8<br>55.4         | 54.9<br>57.6         | 55.2<br>57.9         | 55.3<br>58.0         | 55.3<br>58.1         | 55.3<br>58.1 | 55.3<br>58.1         | 55.5<br>58.3         |
| ≥ 18000<br>≥ 16000        |              | 36.5<br>36.8 | 39.9         | 42.8<br>43.1         | 46.9                 | 49.1                 | 52.5<br>52.8         | 54.9<br>55.2         | 55.7<br>56.1         | 57.9<br>58.3         | 58.2<br>58.6         | 58.3<br>58.7         | 58.3<br>58.7         | 58.3<br>58.7 | 58.3<br>58.7         | 58.5<br>58.9         |
| ≥ 14000<br>≥ 12000        | ·            | 37.3         | 40.7         | 43.7<br>44.8         | 47.8<br>49.0         | 50.0<br>51.3         | 53.5<br>54.8         | 56.1<br>57.4         | 57.0<br>58.3         | 59.3<br>60.8         | 59.6<br>61.2         | 59.7<br>61.3         | 59.8<br>61.4         | 59.8<br>61.4 | 59.8<br>61.4         | 60.0                 |
| ≥ 10000<br>≥ 9000         |              | 38.9<br>40.0 | 42.6         | 45.6<br>46.8         | 50.1<br>51.3         | 52.5<br>53.6         | 56.2<br>57.4         | 59.0<br>60.2         | 59.8<br>61.0         | 62.4                 | 62.8                 | 62.9                 | 63.0                 | 64.2         | 63.0<br>64.2         | 63.1                 |
| ≥ 8000<br>≥ 7000          |              | 41.3         | 44.9         | 48,1<br>51.6         | 52.6<br>56.1         | 58.6                 | 58.7<br>62.4         | 61.5<br>65.2         | 62.3                 | 68.6                 | 69.0                 | 65.4                 | 65.5                 | 65.5         | 65.5                 | 69.3                 |
| ≥ 6000<br>≥ 5000          |              | 47.3<br>51.1 | 51.3<br>35.1 | 54.6<br>58.6         | 59.2<br>63.2         | 61.7                 | 65.6<br>70.0         | 68.4<br>72.8         | 69.2<br>73.6         | 71.3                 | 72.3                 | 76.8                 | 72.4                 | 72.4         | 72.4                 | 72.6                 |
| 2 4500<br>≥ 4000<br>≥ 350 |              | 52.7         | 56.7<br>58.9 | 62.5                 | 64.9                 | 67.5<br>70.0         | 71.8                 | 74.7                 | 75.5<br>78.4         | 78.2                 | 78.8                 | 78.9<br>81.9         | 79.1<br>82.0         |              | 79.1<br>82.0         |                      |
| ≥ 300°<br>≥ 2500          |              | 55.9<br>57.8 | 62.0         | 63.9                 | 68.9                 | 71.4                 | 76.0<br>78.4         | 79.0<br>81.4         | 79.9<br><u>82.3</u>  | 82.6                 | 85.8                 | 83.5                 | 83.6                 | 86.1         | 83.7                 | 83.9                 |
| ≥ 2000                    |              | 59.7         | 65.7         | 69.9                 | 73.0                 | 76.1                 | 80.7<br>82.5         | 84.0<br>85.8         | 84.9                 | 87.6                 | 90.3                 | 88.5<br>90.4         | 90.6                 |              |                      | 88.9<br>90.8         |
| ≥ 1500<br>≥ 1200          | <u> </u>     | 62.9         | 67.5         | 70.3<br>71.8<br>72.4 | 75.7<br>77.2<br>77.9 | 78.3<br>79.8<br>80.8 | 82.9<br>84.5<br>85.6 | 86.2<br>87.8<br>88.7 | 87.1<br>88.9<br>90.1 | 89.9<br>91.6<br>92.8 | 90.7<br>92.4<br>93.7 | 90.8<br>92.5<br>93.8 | 91.0<br>92.7<br>94.0 | 92.7         | 91.0<br>92.8<br>94.1 | 91.2<br>92.9<br>94.2 |
| ≥ 1000<br>≥ 900           |              | 63.8         | 68.8         | 73.0                 | 78.6<br>79.0         |                      | 86.4<br>86.9         | 89.7                 | 90.9                 | 93.7                 | 94.5                 | 94.6<br>95.1         | 74.8<br>95.3         | 94.8         | 94.9                 |                      |
| 2 800                     | · <u>-</u> - | 64.1         | 69.2         | 73.6<br>73.8         | 79.4                 | 82.3<br>82.8         | 87.3<br>87.7         | 90.7                 | 91.9                 | 94.6                 | 95.5                 | 95.5                 | 95.8<br>96.3         | 95.8         | 95.9                 | 96.0<br>96.5         |
| ≥ 500                     |              | 64.5         | 70.0         | 74.5                 | 80.6<br>80.8         | 83.6                 | 88.5<br>88.9         |                      | 93.2                 | 96.0                 | 97.0                 | 97.1                 | 97.2<br>98.3         | 97.2         | 98.5                 | 97.5                 |
| ≥ 400                     | <del></del>  | 64.6         | 70 · 1       | 74.7                 | 80.9                 | 83.9                 | 89.2<br>89.3         | 92.9                 | 94.4                 | 97.4                 | 98.5                 | 98.6                 | 98.8                 | 98.9         | 99.0                 | 99.3                 |
| ≥ 200                     |              | 64.6         | 70.1         | 74.7                 | 81.0<br>81.0         | 84.0                 | 89.3                 | 93.1                 | 94.5                 | 97.6                 | 98.7                 | 98.8                 | 99.0                 | 99.3         | 99.3                 | 99.5                 |
| ≥ 0                       |              | 64.5         |              | 74.7                 | 81.0                 |                      | 89.3                 | 93.1                 | 94.5                 | · ·                  |                      | 98.0                 | 99.0                 |              |                      | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1229

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKY! TAP JAPAN/FONSHU 47-60,69,71-72

FEB \_\_\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING                    |          |              |                      |                      |              |                      | vis                  | IBILITY STA  | TUTE MILI    | £\$                  |                      |                      |                      |                      |                      |              |
|----------------------------|----------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| FEET                       | ≥10      | ≥6           | ≥5                   | ≥ 4                  | ≥3           | ≥2 -                 | ≥2                   | ≥1           | ≥1 ,         | ≥1                   | ≥ ,4                 | ≥ ,                  | ≥ ;                  | ≥ 5 16               | ≥ .                  | ≥0           |
| NO CEILING<br>≥ 20000      |          | 37.1<br>36.8 | 40.1                 | 44.3                 |              | 48.9                 | 51.4<br>54.2         | 52.0<br>55.0 | 52.0<br>55.0 |                      | 52.1<br>55.0         | 52.1<br>55.0         | 52.1<br>55.0         | 52.1<br>55.0         | 52.1<br>55.0         | 52.1<br>55.0 |
| ≥ 18000<br>≥ 16000         |          | 33.9         | 41.9                 | 46.3                 | 50.1<br>50.4 | 51.8<br>52.1         | 54.3<br>54.6         | 55.0<br>55.4 | 55.0<br>55.4 | 55.2<br>55.5         | 55.2<br>55.5         | 55.2<br>55.5         | 55.2<br>55.5         | 55.2<br>55.5         | 55.2<br>55.5         | 55.2<br>55.5 |
| ≥ 14000<br>≥ 10000         |          | 39.3<br>40.5 | 42.3                 | 46.7<br>48.1         | 50.6<br>52.0 | 52.3<br>53.8         | 55.0<br>56.6         | 55.8<br>57.4 | 55.8<br>57.4 | 57.6                 | 55.9<br>57.6         | 55.9<br>57.6         | 55.9<br>57.6         |                      | 55.9<br>57.6         | 55.9<br>57.6 |
| ≥ 10000                    |          | 41.7         | 44.9                 | 50.3                 | 53.4<br>54.2 | 55.3<br>56.1         | 58.1<br>59.0         |              | 59.1<br>60.0 | 60.2                 | 59.3<br>60.2         | 59.3                 | 59.3<br>60.2         | 59.3                 | 59.3<br>60.2         | 59.3         |
| > 8000<br>> 7000           |          | 44.5<br>46.8 | 47.8                 | 55.0                 | 56.4<br>59.0 | 58.2<br>60.8         | 61.1                 | 62.3         | 62.3         | 65.1                 | 62.5<br>65.1         | 62.5<br>65.1         | 62.5<br>65.1         | 65.5                 | 62.5                 | 62.5         |
| ≥ 6000<br>≥ 5000<br>≥ 4500 |          | 50.4         | 53.7                 | 63.0                 | 67.1         | 64.6<br>69.0         | 67.4<br>72.0         | 73.6         | 73.6         | 73.9                 | 73.9                 | 73.9                 | 73.9                 | 69.1<br>73.9         | 73.9                 | 73.9         |
| ≥ 4000<br>≥ 4000<br>≥ 3500 |          | 55.9<br>56.2 | 59.5                 | 67.1                 | 68.8         | 70.7                 | 73.7                 | 75.4         | 75.4         | 78.2                 | 75.7                 | 75.7<br>78.3         | 75.7<br>78.3         | 75.7<br>78.3         | 75.7<br>78.3         | 75.7<br>78.3 |
| ≥ 3000<br>≥ 3000<br>≥ 2500 |          | 63.0         |                      | 72.4                 | 76.7         | 75.0<br>78.6         | 81.9                 | W-7 8 3      | 79.9<br>83.9 | 84.4                 | 80.5                 | 80.5                 | 80.5                 | 80.5                 | 80.5<br>84.4         | 80.5         |
| ≥ 2000                     |          | 64.7         | 59.1<br>71.7         | 74.3                 | 78.7         | 80.5                 | 83.9<br>86.9<br>87.4 |              | 85.9<br>88.9 | 86.4<br>89.4<br>89.9 | 86.5                 | 86.5<br>29.6         | 89.7                 | 86.5                 | 89.7                 | 89.7         |
| ≥ 1500                     |          | 67.4<br>68.6 | 72.1<br>73.5<br>74.5 | 77.5<br>79.1<br>80.1 | 82.0<br>83.6 | 83.9<br>85.5<br>86.8 | 89.0<br>90.4         | 91.0         | 91.2         | 91.7                 | 90.0<br>91.8<br>93.2 | 90.1                 | 90.1<br>92.0<br>93.4 | 90.1<br>92.0<br>93.4 | 90.1<br>92.0<br>93.4 | 92.0         |
| ≥ 1000                     | <u> </u> | 70.6         | 74.5<br>75.7<br>76.1 | 81.4<br>81.8         | 86.5<br>86.5 | 88.8                 | 92.1                 | 94.1         | 94.3         | 94.8                 | 94.9                 | 93.2<br>95.0<br>95.4 | 95.1                 | 95.1<br>95.5         | 95.1                 | 95.1         |
| ≥ 800                      |          | 71.7         | 76.5                 | 82.3                 | 87.5<br>88.1 | 89.4<br>90.1         | 93.2                 | 95.3<br>95.9 | 95.4<br>95.1 |                      | 96.0                 | 96.7                 | 96.3                 | 96.3<br>96.9         | 96.3                 | 96.3         |
| ≥ 600                      |          | 72.1         | 77.4                 | 83.2                 | 88.7         | 90.8                 | 94.6                 |              | 97.0         | 97.5                 | 97.6                 | 97.6<br>98.9         | 97.9                 | 97.9<br>99.2         | 98.0                 | 98.0         |
| ≥ 400                      |          | 72.3         | 77.6                 | 83.5                 | 89.5         | 91.6                 | 95.8                 | 98.1         | 98.3         | 99.9                 | 99.0                 | 99.1                 | 99.4                 | 99.4                 | 99.5                 | 99.5         |
| ≥ 200                      |          | 72.3         | 77.6                 | 83.5                 | 89.5         | 91.6<br>91.6         | 95.8                 | 98.1         | 98.3         | 98.9                 |                      | 99.1                 | 99.4<br>99.4         | 99.5                 | 99.0                 | 99.7         |
| ž 0                        |          | 72.3         | 77.6                 | 7 7 7                | 89.5         | 91.6                 |                      |              | 98.3         |                      | 99.0                 | 99.1                 | 99,4                 |                      |                      | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1228

USAF ETAC 13164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYG TAP JAPAN HUNSHU 47-50,69,71-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0300

| CEILING                 |     |                      |              |              |              |              | VIS                  | BILITY ST    | ATUTE MIL    | ES           |              |              |                              |              | ,            |                      |
|-------------------------|-----|----------------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|------------------------------|--------------|--------------|----------------------|
| FEET                    | ≥10 | ≥6                   | ≥ 5          | ≥ 4          | ≥3           | ≩2¹;         | ≥ 2                  | ≥1:          | ≥1.          | ≥1           | ≥ ′₄         | <b>⋝</b> ,∎  | ≥ ,                          | ≥5 16        | ≥ .          | ≥0                   |
| NO CEILING<br>≥ 20000   |     | 21.1                 | 24.2         | 27.3<br>28.7 | 31.0<br>32.9 | 32.5<br>34.5 | 36.0<br>38.2         | 39.0<br>41.0 | 40.2<br>43.1 | 42.4<br>46.0 | 46.3<br>50.2 | 46.9<br>50.8 | 48.1                         | 48.5<br>52.7 | 49.2<br>53.3 | 49.2<br>53.3         |
| ≥ 18000<br>≥ 16000      |     | 22.2                 | 25.6<br>25.8 | 29.0         | 33.2<br>33.5 | 34.8<br>35.1 | 38.5<br>38.8         | 42.0         | 43.5<br>43.8 | 46.5         | 50.6<br>51.0 | 51.3<br>51.7 | 52.7<br>53.2                 | 53.1<br>53.6 | 53.9<br>54.4 | 53.9<br>54.4         |
| ≥ 14000<br>≥ 12000      |     | 22.6                 | 26.0         | 29.5         | 34.1<br>35.5 | 35.7<br>37.3 | 39.6<br>41.3         | 43.2         | 44.8         | 48.0<br>50.6 | 52.3<br>54.9 | 52.9<br>55.6 | 57.2                         | 54.8<br>57.6 | 55.6<br>58.3 | 55.6                 |
| ≥ 10000<br>≥ 9000       |     | 23.5                 | 27.2         | 31.0         | 35.6<br>36.2 | 37.5<br>38.1 | 41.7                 | 45,6         | 47.6<br>48.4 | 51.1<br>52.0 | 55.9<br>56.9 | 56.5<br>57.5 | 58.1<br>59.1                 | 58.6<br>59.6 | 59.4<br>60.4 | 59.4                 |
| ≥ 8000<br>≥ 7000        | ·   | 24.6                 | 29.4         | 32.3<br>33.5 | 37.2<br>38.8 | 39.0<br>40.7 | 43.3<br>45.1         | 47.5         | 49.6<br>51.5 | 53.4<br>55.2 | 58.4<br>60.2 | 59.0<br>60.9 | 60.7                         | 61.2<br>63.1 | 62.0         | 62.1                 |
| ≥ 6000<br>≥ 5000        |     | 27.9<br>31.1         | 32.3<br>35.6 |              | 41.9         | 44.0         | 48.3<br>53.0         | 52.7<br>57.8 | 54.8<br>59.9 | 58.8<br>64.0 | 63.9<br>69.3 | 64.5<br>69.9 | 66.3<br>71.7                 | 66.8<br>72.2 | 67.6<br>73.0 | 67.7<br>73.1         |
| ≥ 4500<br>≥ 4000        |     | 32.6                 | 37.2         | 42.3<br>45.3 | 48.3<br>51.9 | 50.5<br>54.4 | 54.9<br>59.2         | 59.8<br>64.4 | 66.9         | 71.0         | 71.5<br>76.5 | 72.2         | 74.0<br>78.9                 | 74.4         | 75.2<br>80.2 | 75.3<br>80.3         |
| ≥ 3500<br>≥ 3000        |     | 36.4                 | 42.6         | 47.3         | 54.1<br>55.6 | 56.5<br>58.1 | 61.5                 | 66.8         | 71.1         | 73.4<br>75.5 | 78.9<br>81.0 | 79.6<br>81.7 | 81.4<br>83.5                 | 81.9         | 82.7         | 82.8                 |
| ≥ 2500<br>≥ 2000        |     | 38.0                 | 43.7         | 50.3<br>52.3 | 57.3<br>59.4 | 59.6<br>62.3 | 67.7                 | 70.4         | 72.9<br>75.9 | 77.3<br>80.3 | 82.7<br>85.8 | 83.5         | 85.2<br>88.3                 | 88.9         | 96.6         | 86.7                 |
| ≥ 1800<br>≥ 1500        |     | 39.6<br>40.4         | 46.6         | 52.6         | 59.8<br>61.0 | 63.9         | 69.4                 | 73.8<br>75.3 | 76.3<br>77.8 | 80.7         | 36.2<br>37.8 | 86.7<br>88.5 | 88.7<br>90.3                 | 89,3         | 90:1<br>91:7 | 90.2                 |
| ≥ 1200                  |     | 41.1                 | 47.3         | 54.6<br>55.1 | 61.9         | 65.C<br>65.7 | 70.7                 | 76.8<br>77.8 | 79.3<br>80.4 | 84.0         | 89.5<br>90.7 | 90.2         | 92.0                         | 92.6         | 93.4         | 93.5                 |
| ≥ 900<br>≥ 800          |     | 41.9                 | 48.2         | 55.3<br>55.6 | 62.9         | 66.3         | 71.9                 | 78.1<br>78.5 | 80.7         | 85.6         | 91.1<br>91.5 | 91.9         | 93.7<br>94.1                 | 94.7         | 95.1<br>95.5 | 95.2<br>95.6         |
| 2 700<br>≥ 600<br>≥ 500 |     | 42.0                 | 48.4         | 55.8<br>56.3 | 63.9         | 67.7         | 72.9<br>73.7<br>74.6 | 79.2<br>80.2 | 81.8         | 86.6         | 92.2<br>93.5 | 92.9         | 94.8                         |              | 96.1         | 96.3<br>97.6         |
| ≥ 400                   |     | 42.3<br>42.3<br>42.3 | 49.0<br>49.0 |              | 65.2<br>65.2 | 68.2         | 74.8                 | 81.5<br>81.6 | 84.3         | 89.0<br>89.3 | 94.9<br>95.2 | 95.6<br>96.0 | 97.5                         | 98.1<br>98.4 | 98.9         | 99.0<br>99.4<br>99.8 |
| ≥ 200                   |     | 42.3                 | 49.0         |              | 65.2         | 68.3<br>68.3 | 74.8<br>74.8         | 81.6<br>81.6 | 84.3<br>84.3 | 89.3<br>89.3 | 95.3<br>95.3 | 96.0         | 97.9                         |              | 99.4         | 99.8                 |
| ≥ 100<br>≥ 0            |     | 42.3                 | 49.0         | 56.7<br>56.7 | 65.2<br>65.2 | 68.3<br>68.3 | 74.8                 | 81.6<br>81.6 | 84.3         | 89.3         | 95.3         | 96.0<br>96.0 | 97 <b>.9</b><br>97 <b>.9</b> | 98.5<br>98.5 | 99.4         | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1240

USAF ETAC 1.00 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYE TAP JAPAN/FONSHU 47-60,69,71-72

FELL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |           |              |              |              |              |                  | VIS          | BILITY STA   | ATUTE MIL    | ES           |              |              |              |              |              |                |
|-----------------------|-----------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| FEET                  | ≥10       | ≥6           | ≥5           | ≥4           | ≥3           | ≥2 ·             | ≥?           | ≥1'2         | ≥1.          | ≥1           | ≥ '•         | ≥',          | ≥ ;          | ≥5 16        | ≥ .          | ≥0             |
| NO CEILING<br>≥ 20000 |           | 26.1         | 28.4<br>30.8 | 31.5<br>34.2 | 35.3<br>38.1 | 36.9             | 39.5<br>43.6 | 42.5         | 43.2<br>47.9 |              |              | 48.5<br>54.0 | 49.6<br>55.2 | 49.9<br>55.5 | 50.0<br>55.6 |                |
| ≥ 18000<br>≥ 16000    |           | 28.7         | 31.3         | 34.8         | 38.8         | 40.9             | 44.4         | 47.9<br>48.2 | 48.8         | 52.7<br>53.1 | 54.7<br>55.1 | 55.0<br>55.4 | 56.3<br>56.7 | 56.6<br>57.0 | 56.8<br>57.2 | 56.8<br>57.2   |
| ≥ 14000<br>≥ 12000    |           | 29.0         | 31.7         | 35.2<br>36.3 | 39.4<br>40.6 | 41.5             | 45.1<br>46.5 | 48.6         | 49.6<br>51.2 | 53.6<br>55.4 | 55.7<br>57.7 | 56.1<br>58.1 | 57.4<br>59.6 | 57.7<br>59.9 | 57.9<br>60.1 | 57.9<br>60.1   |
| ≥ 10000<br>≥ 9000     |           | 30.7         | 33.5         | 37.1<br>37.9 | 41.4         | 43.7             | 47.7         | 51.6<br>52.5 | 52.8<br>53.6 | 57.0<br>58.0 | 59.6<br>60.6 | 60.0         | 61.6         | 62,0         | 62.3         | 62.3           |
| ≥ 8000<br>≥ 7000      |           | 32.1         | 35.3<br>36.4 | 39.1<br>40.4 | 43.9<br>45.4 | 46.2             | 50.4<br>52.0 | 54.4<br>56.0 | 55.6<br>57.3 | 60.0<br>62.0 | 62.7         | 63.2         | 67.4         | 65.5<br>67.8 | 65.9         | 65.9<br>68.2   |
| ≥ 6000<br>≥ 5000      |           | 34.4         | 37.7<br>40.1 | 42.3<br>44.8 | 47.7<br>50.5 | 50 • 1<br>53 • 2 | 34.4<br>57.7 | 55.6<br>62.2 | 59.9<br>63.6 | 64.6<br>68.4 | 67.5<br>71.5 | 68.1<br>72.1 | 70.2         | 70.6         | 71.0<br>75.0 | 71.0<br>75.1   |
| ≥ 4500<br>≥ 4000      |           | 37.5<br>38.8 | 41.2<br>42.8 | 46.4<br>48.2 | 52.4<br>54.4 | 55 · 1<br>57 · 2 | 57.9<br>62.4 | 64.3<br>67.1 | 65.8         | 70.7         | 73.9<br>77.3 | 74.3         | 76.6         | 77.0<br>80.3 | 77.5         | 77.5<br>80.9   |
| ≥ 3500<br>≥ 3000      |           | 40.0         | 44·1<br>45·2 | 49.8<br>51.2 | 56.4<br>58.0 | 59.3<br>61.2     | 64.5         | 69.3         | 71.1<br>73.9 | 76.1<br>79.1 | 79.8<br>83.1 | 80.3<br>83.9 | 82.4         |              | 83.3<br>86.9 | 83.4<br>87.1   |
| ≥ 2500                |           | 41.2         | 45.6         | 51.6<br>52.2 | 58.8<br>59.8 | 62.4             | 67.7<br>68.8 | 73.4         | 75.5         | 80.8<br>82.5 | 84.8         | 85.5<br>87.2 | 87.6         | 85.C<br>89.7 | 88.6<br>90.2 | 88.7<br>90.4   |
| ≥ 1800<br>≥ 1500      |           | 41.4         | 46.1<br>46.3 | 52.3<br>52.5 | 60.0         | 63.7             | 69.1<br>70.0 | 75.1<br>76.0 | 77.5<br>78.3 | 83.0<br>83.9 | 87.9         | 87.7<br>88.6 | 89.8<br>90.8 | 90.2<br>91.2 | 90.7<br>91.8 | 90.9<br>91.9   |
| ≥ 1200<br>≥ 1000      |           | 41.6         | 46.5         | 52.8<br>53.2 | 60.8<br>61.6 | 64.9<br>65.6     | 70.7<br>71.5 | 77.1         | 79.4         | 85.0<br>85.9 | 89.0<br>90.1 | 89.8<br>90.9 | 92.1<br>93.1 | 92.6<br>93.6 | 93.1         | 93.3           |
| ≥ 900<br>≥ 800        |           | 42.0         | 47.0         | 53.2<br>53.4 | 61.6         | 65.7<br>66.0     | 71.7         | 78.3<br>79.1 | 80.6         | 86.3<br>87.3 | 91.4         | 91.3<br>92.2 | 93.5         | 94.0         |              | 94.8<br>95.8   |
| ≥ 700<br>≥ 600        | <u></u> . | 42.3         | 47.2         | 53.5<br>53.7 | 62.2<br>62.5 | 66.3             | 72.7         | 79.6<br>80.4 | 81.9<br>82.7 | 88.0<br>88.8 | 93.0         | 93.0<br>93.8 |              | 95.8<br>96.6 |              | 97.4           |
| ≥ 500<br>≥ 400        |           | 42.5         |              | 34.0         | 62.8         |                  | 73.6<br>73.6 | 81.2<br>81.3 | 83.6<br>83.8 | 90.2         | 94.6         |              | 97.6<br>98.2 | 98.8         |              | 99.7           |
| ≥ 300<br>≥ 200        |           | 42.5         | 47.6         | 54.0         | 62.8         |                  | 73.7         | 81.4<br>81.4 | 83.9<br>83.9 | 90.3         | 94.8         | 95.6         | 98.4         | 99.0         | 99.8         | 100.0<br>100.0 |
| ≥ 100<br>≥ 0          |           | 42.5         | 47.6         |              | 62.0         | 67.1             | 73.7         | 81.4<br>81.4 | 83.9         | 90.3         |              |              |              |              | 99.8<br>99.8 | -              |

TOTAL NUMBER OF OBSERVATIONS

1251

USAF ETAC 1314 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYE 1AP JAPAN (FUN SHJ 47-60,69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                 |     |              |                     |              |              |              | VIS          | BILITY (ST)  | ATUTE MILI   | ES           | ** ** <u>*</u> **** |              |              |              |              |                |
|-------------------------|-----|--------------|---------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------|--------------|--------------|--------------|--------------|----------------|
| t££1                    | ≥10 | ≥6           | ≥5                  | ≥ 4          | ≥3           | ≥2 2         | ≥2           | ≥1'.         | ≥1.          | ≥1           | ≥ ′4                | ≥ '•         | ≥ ?          | ≥ 5 16       | 2.           | ≥0             |
| NO CEILING<br>≥ 20000   |     | 43.4         | 45.2<br>50.1        | 47.5<br>52.7 | 49.1<br>54.7 | 49.6<br>55.4 | 50.5<br>56.5 | 51.4<br>57.9 | 51.4<br>57.9 | 51.7<br>58.2 | 51.8<br>58.3        | 51.8<br>58.3 | 51.8<br>58.3 | 51.8<br>58.3 | 51.8<br>58.3 | 51.8<br>58.3   |
| ≥ 18000<br>≥ 16000      |     | 48.2         | 50.5<br>50.6        | 53.1<br>53.3 | 55.1<br>55.2 | 55.9<br>56.0 | 57.1<br>57.2 | 58.5<br>58.7 | 58.5<br>58.7 | 59.0<br>59.1 | 59.1<br>59.3        | 59.1<br>59.3 | 59.1<br>59.3 | 59.1<br>59.3 | 59.1<br>59.3 | 59.1<br>59.3   |
| ≥ 14000<br>≥ 12000      |     | 49,5<br>50.6 | 51.9<br>53.0        | 54.8<br>55.9 | 56.8<br>57.9 | 57.6<br>58.7 | 58.8<br>60.0 | 60.4         | 60.5         | 61.0<br>62.2 | 61.2                | 61.2         | 61.2         | 61.2         | 61.2         | 61.2           |
| ≥ 10000<br>≥ 9000       |     | 51.3<br>51.7 | 53.7<br><u>54.3</u> | 56.8<br>57.3 | 58.7<br>59.3 | 59.5<br>60.1 | 61.0         | 62.7         | 62.8<br>63.4 | 63.4<br>63.9 | 63.7                | 63.7         | 64.3         | 63.7         | 63.7         | 64.3           |
| ≥ 8000<br>≥ 7000        |     | 54.2         | 55.6<br>57.3        | 58.6<br>60.7 | 60.6<br>62.9 | 61.4         | 63.1         | 65.2         | 65.3<br>67.8 | 66.1         | 67.0                | 66.5         | 66.6         | 66.6         | 69.2         | 66.6           |
| ≥ 6000<br>≥ 5000        |     | 55.3<br>57.6 | 58.4                | 61.8<br>64.5 | 64.1         | 65.C         | 66.9<br>70.1 | 69.0<br>72.3 | 69.1<br>72.3 | 70.0<br>73.3 | 70.5                | 70.6         | 70.7         | 70.7         |              | 70.7           |
| ≥ 4500<br>≥ 4000        |     | 58.8         | 62.3                | 70.0         | 68.5<br>72.8 | 73.7         | 71.6<br>76.0 | 73.8<br>78.3 | 73.9<br>78.5 | 75.0<br>79.5 | 75.5                | 75.6<br>80.3 | 75.7<br>80.4 | 75.8         | 75.8         | 75.8           |
| ≥ 3500<br>≥ 3000        |     | 63,5         | 67.6                | 71.8         | 75.0<br>76.6 | 75.8         | 78.4<br>80.2 | 80.8         | 81.0<br>83.4 | 82.0<br>84.4 | 82.8                | 82.9<br>85.4 | 83.0<br>85.5 | 83.1         | 83.1<br>85.5 | 83.1           |
| ≥ 2500<br>≥ 2000        |     | 66.3         | 70.1                | 76.1         | 78.0<br>79.7 | 78.9         | 81.6         | 84.9         | 85.5         | 86.6         | 87.4<br>89.8        | 87.5         | 87.6<br>90.0 | 87.7<br>90.1 | 90.1         | 90.1           |
| ≥ 1800<br>≥ 1500        |     | 66.9         | 72.0                | 77.0         | 80.4         | 81.4<br>82.0 | 84.9         | 87.9<br>88.8 | 88.6<br>89.5 | 89.7<br>90.8 | 90.7                | 90.8         | 90.9<br>92.1 | 90.9         | 90.9         | 91.0           |
| ≥ 1200<br>≥ 1000        |     | 67.6         | 72.5                | 77.9         | 81.6         | 83.5         | 85.9<br>86.9 | 90.9         | 90.5         | 92.0         | 93.1                | 93.2         | 93.2         | 93.4         | 94.9         |                |
| ≥ 900<br>≥ 800<br>≥ 700 |     | 67.6         | 73.0                | 78.4         | 82.3<br>82.8 | 83.5         | 87.0<br>87.8 | 91.1         | 91.9         | 94.7         | 94.8                | 94.9         | 96.2         | 95.2<br>96.3 | 96.3         | 95.2<br>96.4   |
| ≥ 600                   |     | 67.7         | 73.4<br>73.6        | 78.9         | 83.1         | 84.6         | 88.6         | 92.9<br>93.6 | 93.8         | 96.4         | 96.9                | 97.0<br>98.1 | 97.1         | 97.2<br>98.3 | 98.3         | 97.3           |
| ≥ 500<br>≥ 400<br>≥ 300 |     | 68.0         | 73.8<br>73.8        | 79.0         | 83.5         | 85.1<br>85.1 | 89.2         | 93.7         | 94.8         | 96.9         | 98.4                | 98.5         | 98.6         | 98.8         | 99.4         | 99.4           |
| ≥ 200                   |     | 68.0         | 73.8                | 79.0         | 83.5         | 85.1         | 89.3         | 94.0         | 95.4         | 97.1<br>97.1 | 99.3                | 99.4         | 99.6         | 99.8         | 99.9         | 100.0          |
| ≥ 100<br>≥ 0            |     | 68.0         | 73.8                |              | 1            | 85.1<br>85.1 | 89.3         | 94.0         | 95.4<br>95.4 | 97.1<br>97.1 | 99.3                | 99.4<br>99.4 | 99.7         | 99.9         |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1258

USAF ETAC 17.64 0-14-5 (OL A) MEVIOUS COITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYU JAP JAPAN/HUNSHU 47-60,69,71-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING               |     |              |              |              |              |                  | VIS          | BILITY ST    | ATUTE MIL    | ES           |              |              |              |       | -            |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥ 3          | ≥2¹₂             | ≥ 2          | 21:          | ≥1.          | ≥1           | ≥ 34         | ≥ .          | ≥ ,          | ≥5 16 | ۵.           | ≥0           |
| NO CEILING<br>≥ 20000 |     | 43.5<br>51.0 | 44.9<br>53.0 |              | 45.9         | 46 • C<br>54 • 6 | 46.4         | 46.5         | 46.5         | 46.6         | 46.7<br>55.6 | 46.7         | 46.7         |       |              | 46,7<br>55.6 |
| ≥ 18000<br>≥ 16000    |     | 51.4<br>51.5 | 53.6<br>53.7 | 54.4<br>54.5 | 55.1<br>55.1 | 55.3<br>35.4     | 56.0<br>56.1 | 56.1<br>56.2 | 56.1<br>56.2 | 56.3<br>56.3 | 56.3         | 56.3<br>56.4 |              |       |              | 56.3<br>56.4 |
| ≥ 14000<br>≥ 12000    |     | 52.5<br>53.2 | 54.7<br>55.5 | 55.5<br>56.4 | 56.5<br>57.6 | 56.8<br>57.9     | 57.6<br>56.7 | 57.8<br>58.9 | 57.8<br>58.9 | 57.9<br>59.1 | 58.0         | 58.0<br>59.2 |              |       |              |              |
| ≥ 10000<br>≥ 9000     |     | 54.4<br>54.8 | 57.2<br>57.6 | 58.3<br>58.8 | 59.6<br>60.0 |                  | 60.8         | 60.9         |              | 61.3         | 61.4         | 61.4         | 61.4         | 61.4  | 61.4         | 61.4         |
| ≥ 8000<br>≥ 7000      |     | 56.2<br>57.9 | 59.0<br>60.8 | ~~~          | 61.6         | 61.9             | 62.8         | 63.1         | 63.3         | 63.7<br>65.8 | 63.8         | 63.8<br>66.0 |              | 1     | 63.8<br>66.0 | 63,8         |
| ≥ 6000<br>≥ 5000      |     | 59.5<br>63.8 |              | 64.5<br>65.8 | 66.1<br>70.5 | 70.9             | 67.3         | 67.7         |              | 68.5         | 68.7         |              | 68.7         |       | 68.7         | 68.7         |
| ≥ 4500<br>≥ 4000      |     | 65.3<br>69.9 | 68.5<br>73.3 | 70.5<br>75.3 | 72.2         | 72.5             | 73.6<br>78.7 | 74.1<br>79.3 | 74.4         | 74.8         | 75.0         | 75.0         | 75.0<br>80.5 |       |              | 75.0         |
| ≥ 3500<br>≥ 3000      | ·   | 71.2<br>73.9 | 74.8<br>77.8 |              | 78.8         | 79.4<br>83.1     | 80.6         | 81.3<br>85.4 |              | 82.2<br>86.2 | 82.5         |              | 82.6<br>86.6 | 82.6  | 82.6         | 82.6         |
| ≥ 2500<br>≥ 2000      |     | 74.7<br>75.5 | 78.6<br>79.7 |              | 83.5         | 84.2             | 85.9<br>83.4 | 86.9         |              | 87.9<br>90.7 | 88.2         |              | 88.4<br>91.1 | 86.4  | 88.4         | 88.4         |
| ≥ 1800<br>≥ 1500      |     | 75.6<br>76.0 | 79.8<br>80.4 | 82.4<br>63.1 | 85.4<br>86.1 | 86.2<br>86.9     | 88.6<br>89.4 |              | 90.5         | 91.1         | 91.4         | 91.5         | 91.5         | 91.5  | 91.6         | 91.6         |
| ≥ 1200<br>≥ 1000      |     | 76.4<br>75.8 | 80.9<br>81.6 | 83.7         | 86.9         | 87.8<br>88.9     | 90.7         | 92.1         | 92.8         | 93.4         | 93.8         | 93.8<br>95.3 | 94.0         | 94.0  |              | 94.1         |
| ≥ 900<br>≥ 800        |     | 76.9<br>77.0 |              | 84.9<br>85.0 | 88.1         | 89.2<br>89.4     | 92.4         | 93.8         | 94.5         | 95.0         | 95.4         | 95.6         | 95.9         | 95.9  | 96.0<br>96.4 | 96.0         |
| ≥ 700<br>≥ 600        |     | 77.2<br>77.2 | 82.0         | 85.3         | 88.7<br>88.7 | 89.8<br>89.9     | 93.4         | 94.9         | 95.8         | 96.7         | 97.1         | 97.2         | 97.5         | 97.5  | 97.6         | 97.6         |
| ≥ 500<br>≥ 400        |     | 77.2         | 82.0         | 85.4<br>85.4 | 88.88        | 90.0             |              | 95.7         | 96.9         | 98.0<br>98.4 | 98.4         | 98.6         | 99.0         | 99.1  | 99.1         | 99.1         |
| ≥ 300<br>≥ 200        |     | 77.2         | 52.0<br>82.0 | 85.4         | 88.8         | 90.2             |              | 96.0<br>96.0 | 97.2         | 98.4         | 98.8<br>99.1 | 99.0         | 99.4         | 99.4  | 99.5         | 99.5         |
| ≥ 100<br>≥ 0          |     | 77.2         | 82.0         | 85.4<br>85.4 | 88.8         | 90.2             | 94.0         | 96.C         | 97.2         | 98.5         | 99.1         | 99.2         |              | 99.9  | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1264

USAF ETAC 136 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311

TOKYU 1AP JAPAN/HONSHU 47-60,65,71-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FRCM HOURLY OBSERVATIONS)

1800-2000

| CEILING              |     |              |              |              |              |              | VIS          | IBILITY (ST) | ATUTE MILI   | ES           |                    |              |              |              |              |               |
|----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|--------------|--------------|--------------|---------------|
| FEET                 | ≥10 | ≥6           | ≥5           | ≥.4          | ≥3           | ≥2           | ≥2           | ≥1           | ≥1.          | ≥1           | ≩ '4               | ≥′.          | ≥            | ≥5 16        | 2.           | ≥0            |
| NO CEIUNG<br>≥ 20000 |     | 41.4<br>46.0 | 43.0<br>47.8 | 44.6         |              | 46.5<br>51.7 | 47.3<br>52.6 |              | 47.9<br>53.5 | 48.6<br>54.1 | 49.1<br>54.6       | 49.1<br>54.6 | 49.1<br>54.6 | 49.1<br>54.6 | 49.1<br>54.6 | 49.1<br>54.6  |
| ≥ 18000              |     | 46.2         | 48.1<br>48.2 | 49.8         | 51.2<br>51.3 | 52 • ^       | 52.9<br>53.0 | 53.6<br>53.7 | 53.8<br>53.9 | 54.5         | 55 <sub>2</sub> () | 55.0<br>55.2 | 55.0<br>55.2 | 55.0<br>55.2 | 55.0<br>55.2 | 55.0<br>55.2  |
| ≥ 14000<br>≥ 12000   |     | 47.8         | 49.7<br>51.7 | 51.4<br>53.6 | 52.8<br>55.0 | 53.7<br>56.0 | 54.8<br>57.1 | 55.5<br>57.9 | 55.7<br>58.0 | 56.5<br>58.9 | 57.1<br>59.5       | 57.1<br>59.5 | 57.1<br>59.5 | 57.1<br>59.3 | 57.1<br>59.5 | 57.1<br>59.5  |
| ≥ 10000<br>≥ 9000    |     | 50.7         | 53.0         | 55.1<br>56.2 | 56.7<br>57.7 | 57.8<br>59.0 | 59.2<br>60.4 | 60.0         | 60.2         | 61.0         | 61.7               | 61.7         | 61.7         | 61.7         | 61.7         | 61.7          |
| ≥ 8000<br>≥ 7000     |     | 54.1<br>55.8 | 56.6<br>58.3 | 58.9         | 60.9         | 62.3         | 65.7         | 64.7         | 64.8         | 67.9         | 66.5               | 66.5         | 66.5         | 66.5         | 66.5         | 66.5          |
| ≥ 6000<br>≥ 5000     |     | 59.2         | 61.9         | 64.4         | 66.6         | 68.2         | 69.7         | 70.9         | 71.2         | 72.3<br>76.1 | 73.1               | 73.1<br>76.8 | 73.1         | 73.1         | 73.1<br>76.8 | 73.1          |
| ≥ 4500<br>≥ 4000     |     | 63.6         | 66.4         | 69.2         | 71.8         | 73.5         | 75.1         | 76.4         | 76.8         | 78.0         | 78.9<br>82.5       | 78.9<br>82.5 | 78.9         | 78.9<br>82.5 | 78.9<br>82.5 | 78.9          |
| ≥ 3500<br>≥ 3000     |     | 67.9         | 70.9         | 74.0         |              | 78.5         |              | 82.1         | 82.5         | 83.8         |                    | 84.7         | 84.7         | 84.7         | 84.7         | 84.7          |
| ≥ 2500<br>≥ 2000     |     | 70.6         | 73.8         | 77.1         | 80.3         | 82.1         | 84.5         | 86.1<br>87.5 | 86.5         | 87.8         | 88.7               | 88.7         | 88.7         | 88.7<br>90.3 | 88.7         | 88.7          |
| ≥ 1800<br>≥ 1500     |     | 71.0         | 74.4         | 77.9         | 81.6         |              | 86.0         |              | 88.2         | 89.6         | 90.7               | 90.7         | 90.7         | 90.7         | 90.7         | 90.7          |
| ≥ 1200<br>≥ 1000     |     | 72.1         | 75.6         | 79.5         | 83.7         | 85.6         | 88.7<br>89.6 | 90.6         | 91.1         | 92.5         | 93.6               | 93.6         | 93.6         |              | 93.6         | 93.6          |
| ≥ 900<br>≥ 800       |     | 72.8         | 76.7         | 80.7         | 84.9         | 86.8         | 90.0         |              | 92.4         | 94.6         | 94.9               | 94.9         | 94.9         | 94.9         | 74.9<br>95.7 | 94.9          |
| ≥ 700<br>≥ 600       |     | 73.2         | 77.2         | 81.7         | 86.0         |              | 91.4         |              | 94.0         | 95.7         | 96.8               | 96.8         | 96.8         | 96.8         | 96.8         | 96.8          |
| ≥ 500<br>≥ 400       |     | 73.4         | 77.4         | 82.1         | 86.7         | 88.9         | 92.5         | 94.6         | 95.3         | 97.1         | 98.4<br>98.7       | 98.4         | 98.6         |              | 98.6         | 98.6          |
| ≥ 300<br>≥ 200       |     | 73.5         | 77.5         | 62.3         |              | 89.1         | 92.7         | 94.9         | 95.6         |              | 98.9               | 98.9         | 99.3         |              | 99.4         | 99.4          |
| ≥ 100<br>≥ 0         |     | 73.5<br>73.5 | 77.5         |              | 86.9         | 89.1         | 92.7         |              |              | 97.3         | 98.9<br>98.9       | 98.9         | 99.3         |              | 99.8         | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1225

USAF ETAC 1/104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HUNSHU 47-60,69,71-72

FLR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY STA  | ATUTE MILI   | ES           |              |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥ 4          | ≥ 4          | ≥3           | ≥2 ,         | ≥ 2          | ≥1           | ≥1.          | ≥1           | ≥ ′4         | , ×          | ≥.           | ≥5 15        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 35,8<br>38,0 | 39.0<br>41.3 | 41.4<br>44.1 | 44.1<br>47.0 | 44.9         | 47.5         | 49.5<br>53.0 | 49.6<br>53.1 | 51.2<br>55.1 | 52.7<br>57.0 | 3.0<br>57.2  | 53.5<br>57.8 | 53.5<br>57.9 | 53.5<br>57.9 | 53.5<br>57,9 |
| ≥ 18000               |     | 38.0         | 41.3         | 44.1         | 47.0         | 47.9         | 50.9<br>51.1 | 53.0<br>53.7 | 53.1<br>53.4 | 55.1<br>55.3 | 57.0<br>57.2 | 57.2<br>57.5 | 57.8<br>58.0 | 57.9<br>58.1 | 57.9<br>58.1 | 57.9<br>58.2 |
| ≥ 14000<br>≥ 12000    |     | 39.5         | 42.9         | 45.6         | 48.7         | 49.6         | 52.6<br>54.4 | 54.8<br>56.5 | 54.9<br>56.7 | 57.1<br>55.9 | 59.0<br>60.6 | 59.3         | 59.8         | 59.9         | 59.9         | 60.0         |
| ≥ 0000<br>≥ 9000      |     | 42.1         | 45.5         | 48.4         | 51.7<br>52.6 | 52.7         | 55.8<br>56.9 | 58.0<br>59.3 | 58,2<br>59,4 | 61.8         | 62,3         | 62.6         | 63.2         | 63.2         | 63.2         | 63.3         |
| ≥ 8000<br>≥ 7000      |     | 44.3         | 47.9         | 51.1<br>53.5 | 54.5         | 55.7<br>58.1 | 59.0<br>61.5 | 61.4         | 61.5         | 64.0         | 66.0         | 66.3         | 66.9<br>69.6 | 67.0<br>69.7 | 67.0         | 67.1         |
| ≥ 6000<br>≥ 5000      |     | 49.8         | 53.5         | 56.7         | 60.5         | 65.0         | 65.6         | 68.1         | 48.4         | 70.8         | 72.9         | 73.2<br>76.9 | 73.8         | 73.8         | 73.8         | 74.0         |
| ≥ 4500<br>≥ 4000      |     | 54.0<br>56.1 | 57.8<br>60.1 | 61.5         | 65.4<br>68.0 | 67.2         | 70,0         | 77.0         | 74.2         | 76.8<br>80.0 | 79.0         | 79.3         | 79.9         | 80.0         | 80.0         | 80.<br>83.3  |
| ≥ 3500<br>≥ 3000      |     | 57.0         |              | 65.0         | 69.3         | 71.3         | 75.2         | 78.4         | 78.8         | 81.3         | 83.5         | 83.9         | 84.4         | 84.5         | 84.5<br>86.0 | 84.7         |
| ≥ 2500<br>≥ 2000      |     | 59.3         | 63.5         |              | 72.3         | 74.3         | 78.3         | 81.5         | 81.9         | 84.5         | 86.8         | 87.i         | 87.7         | 87.8<br>90.1 |              | 87.9<br>90.2 |
| ≥ 1800<br>≥ 1500      |     | 8.00         | 64.9         | 69.5<br>70.7 | 74.5         | 76.6         | 80.6         | 33.8         | 84.2<br>85.4 | 86.9<br>88.1 | 89.2         | 89.5<br>90.7 | 90.1         | 90.1         | 90.1         | 90.3         |
| ≥ 1200<br>≥ 1000      |     | 61.7         | 66.3         | 71.4         | 76.4         | 72.5         | 32.7<br>83.9 | 86.1<br>87.3 | 86.6         | 89.3         | 91.6         | 91.9         | 92.5         | 92.6         | 92.6         | 92.7         |
| ≥ 900<br>≥ 800        |     | 51.9         | 67.4         | 72.6<br>72.8 | 77.8         | 80.0         | 84.3         | 87.8<br>88.1 | 88.3         | 91.0         | 93.3         | 93.6         | 94.3         | 94.4         | 94.4         | 94.5         |
| ≥ 700<br>≥ 600        |     | 62.1         | 67.6         | 73.2         | 78.5         | 80.8         | 85.3<br>86.7 | 8.83<br>90.3 | 89.5         | 92.3         | 94.7         | 95.0         | 95.8         | 95.8         | 95.8         | 96.0         |
| ≥ 500<br>≥ 400        |     | 62.3         | 68.1         | 73.9         | 80.0         |              | 87.3         | 91.0         | 91.7         | 94.6         | 97.1         | 97.4         | 98.4         | 98.5         | 98.5<br>98.7 | 98.6         |
| ≥ 300<br>≥ 200        |     | 62.3         | 58.1<br>68.2 | 74.0         | 80.0         |              | 87.4         | 91.2         | 91.9         |              | 97.5         | 97.9         | 98.9         | 99,1         | 99.2         | 99.3         |
| ≥ 100<br>≥ 0          |     | 62.3         | 68.2<br>68.2 |              | 80.1<br>80.1 | 82.6         | 87.5<br>87.5 | 91.3<br>91.3 | 92.0         |              | 97.6         | 98.0<br>98.0 | 98.9         | 99.2         | 99.5         |              |

TOTAL NUMBER OF OBSERVATIONS

1227

USAF ETAC 100 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE CONCLETE

## CEILING VERSUS VISIBILITY

43311 TOKYI: 1AP JAPAN/FUNSHU 47-60,71-72

- AR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY ST   | ATUTE MILI   | ES .         |              |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2,          | ≥ 2          | ≥1           | ≥1.          | ≥1           | ≥ 34         | ≥ .          | ≥ .          | ≥ 5 16       | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 33.3<br>35.2 | 34.7         | 36.7<br>39.1 | 38.1         |              | 40.6         | 41.9         |              | 43.0         | 43.4         | 43.4         | 43,5         | 43.7         | 43.7         | 43.8<br>46.9 |
| ≥ 18000<br>≥ 16000    |     | 35.4         | 37.1         | 39.5<br>39.5 | 41.1         | 42.5         | 44.0         | 45.6<br>45.6 | - 1          | 46.6         | 47.1<br>47.1 | 47.1         | 47.1         | 47.4         | 47.4         | 47.5         |
| ≥ 14000<br>≥ 12000    |     | 36.7<br>36.1 | · · ·        | 40.8         | 42.7         | 44.C         | 45.6         | 47.1         | 47.5         | 48.1<br>50.3 | 48.6<br>50.6 |              | 48.7         | 48.9<br>51.1 | 48.9<br>51.1 | 49.0         |
| ≥ 10000<br>≥ 9000     |     | 39.4<br>40.1 | -            |              | 46.2<br>46.9 | 47.6         |              | 51.0         |              | 52.2<br>52.9 | 52.6<br>53.3 | 52.6<br>53.3 | 52.7<br>53.4 | 52.9<br>53.6 | 52.9<br>53.6 | 53.0<br>53.7 |
| ≥ 8000<br>≥ '900      |     | 41.5         |              | ,            | 48.6         |              | 1            | 53.4<br>55.3 | 53.8<br>55.7 | 54.5<br>56.5 | 55.1<br>57.0 | 53.1<br>57.0 | 55.1<br>57.1 | 55.4<br>57.3 | 55.4<br>57.3 | 55.4<br>57.4 |
| ≥ 6000<br>≥ 5000      |     | 46.9<br>51.9 | 49.3         |              | 54.6         | 56.0<br>61.7 | 57.8<br>63.5 | 53.5<br>65.4 |              | 60.8         | 61.4         |              | 61.4         | 61.7         | 61.7         | 61.7         |
| ≥ 4500<br>≥ 4000      |     | 54.1<br>58.5 | 50.7<br>61.1 | 60.6         |              |              |              | 68.1         | - 1          |              |              |              | 70.1         | 70.3         | 70.3         |              |
| ≥ 3500<br>≥ 3000      |     | 60.8         |              | 67.6<br>71.0 | 70.2         | 71.9         | 74.0<br>77.5 | 76.0         | 76.7         |              | 78.1<br>81.6 |              | 78.2         | 78.4<br>81.9 | 78.4<br>81.9 | 78.5         |
| ≥ 2500<br>≥ 2000      |     | 65.3<br>67.8 |              | 73.1         | 75.7         | 77.6<br>81.1 | 79.7<br>83.3 | 81.7<br>85.4 |              | 83.3         | 83.8         | 83.8         | 83.9         | 84.1         | 84.1<br>88.0 | 84.3         |
| ≥ 1800<br>≥ 1500      |     | 68.7         | 72.2         | 77.3<br>79.8 | 80.3<br>82.9 | 82.2         | 84.5         | 86.6         |              | 88.4         | 88.9         | 88.9         | 89.0<br>91.8 |              | 89.2         |              |
| ≥ 1200<br>≥ 1000      |     | 71.5         | 75.2<br>76.2 | 80.8<br>82.0 | 1            | 86.2<br>87.5 |              | 90.9         |              | 92.6         | 93.2         |              | 93.2         | 93.5         | 93.5         | 93.6         |
| ≥ 900<br>≥ 800        |     | 72.3         | 76.7         | 82.6<br>83.3 | 85.9<br>86.7 | 88.1         | 90.7         | 93.0         |              | 94.8         |              | 95.4<br>96.3 | 95.4         |              | 95.7         |              |
| ≥ 700<br>≥ 600        |     | 73.6         | 77.9<br>78.3 | 83.9<br>84.5 | 87.4<br>88.1 | 89.6         | 92.4         | 94.8         |              | 96.7         |              |              | 97.3<br>98.1 |              | 97.<br>98.2  |              |
| ≥ 500<br>≥ 400        |     | 74.1         | 78.5<br>78.5 | 84.9         | 88.5<br>88.5 | 1            | 93.9         | 76.3<br>96.4 |              | 98.3<br>98.4 |              | 98.9         | 98.9         | 99.2         | 99.2         | 99.3         |
| ≥ 300<br>≥ 200        |     | 74.1<br>74.1 | 78.5<br>78.5 | 84.9         | 88.5         | 90.9         |              | 96.4         | 97.2         |              | 99.1         | 99.1         | 99.3         | 99.6         | 99.6         | 99.8         |
| ≥ '00<br>≥ 0          |     | 74.1         | 78.5<br>78.5 | 84.9<br>84.9 | 88.5<br>88.5 | 90.9         | 94.0         |              | 97.2<br>97.2 |              |              |              | 99.4         | 99.7         | 99.7         |              |

TOTAL NUMBER OF OBSERVATIONS

1315

USAF ETAC 101.64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311

TOKY: LAP JAPANAFUNSPU

47=60,71=72

FAR NORTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY (ST) | ATUTE MILI   | ES           |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 1 1661                | 210 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2 7         | ≥ 2          | ≥1'          | ≥1′₄         | ≥1           | ≥ 14         | ≥ ′,         | ≥ ,          | ≥ 5 16       | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 33.7<br>35.3 | 35.9<br>37.6 | 37.9<br>40.0 | 40.0         | 40.6         | 41.4         | 42.2         | 42.5<br>45.0 | 43.1<br>45.6 | 43.1<br>45.7 | 43.1<br>45.  | 43.1         | 43.2<br>45.8 | 43.2<br>45.8 | 43.2          |
| ≥ 18000<br>≥ 16000    |     | 36.1<br>36.3 | 38.4<br>35.7 | 40.8         | 43.0         | 43.7         | 44.7         | 45.6<br>45.8 | 45.6         | 46.5         | 46.6<br>46.8 | 46.4         | 46.6<br>46.8 | 46.6         | 46.6         | 46.6          |
| ≥ 14000<br>≥ 12000    |     | 37.1<br>35.6 | 39.7         | 42.1         | 44.3<br>46.3 | 45.C         | 46.C<br>46.1 | 46.9         | 47.1         | 47.8<br>50.0 | 47.8<br>50.0 | 47.8<br>50.0 | 47.8<br>50.0 | 47.9<br>50.1 | 47.9<br>50.1 | 47.9<br>50.1  |
| ≥ 10000               |     | 40.3         | 43.7         | 45.2         | 48.5         | 49.4<br>50.1 | 50.5<br>51.3 | 51.5<br>52.4 | 51.8<br>52.7 | 52.5<br>53.4 | 52.6<br>53.6 | 52.6<br>53.6 | 52.6<br>53.6 | 52.7<br>53.7 | 52.7<br>53.7 | 52.7<br>53.7  |
| ≥ 8000<br>≥ 7000      |     | 42.5         | 46.1         | 50.5         | 51.0<br>52.8 | 51.9<br>53.6 | 53.0<br>54.7 | 54.1<br>55.9 | 54.4<br>55.2 | 55.2<br>56.9 | 55.3<br>57.1 | 55.3<br>57.1 | 55.3<br>57.1 | 55.4<br>57.2 | 55.4<br>57.2 | 55.4<br>57.2  |
| ± 5000<br>± 5000      |     | 48.4<br>54.5 | 52.3<br>58.6 | 55.0         | 57.5         | 58.3         | 59.5         | 67.4         | 61.0         | 61.8         | 61.9<br>68.6 | 61.9<br>68.6 | 61.9<br>68.6 | 62.0         | 62.0         | 62.0          |
| ≥ 4500<br>  ≥ 4000    |     | 57.3<br>61.3 | 65.5         | 68.6         | 67.2<br>71.6 | 68.1<br>72.4 | 63.3         | 70.6<br>75.1 | 70.9<br>75.4 | 71.6         | 71.8<br>76.4 | 71.8         | 71.8         | 71.3         | 71.7         | 71.9<br>76.6  |
| ≥ 3500<br>≥ 3000      |     | 66.0         | 70.5         | 74.0         | 73.9<br>77.0 | 74.8         | 70.0         | 77.6<br>80.7 | 77.9<br>81.0 | 78.7<br>81.9 |              | 78.8<br>52.3 | 78.8<br>82.3 | 78.9<br>82.3 | 78.9         | 79.0<br>82.4  |
| ≥ 2500<br>≥ 2000      | -   | 68.4<br>71.3 | 76.3         | 76.9         | 80.0<br>8.68 | 80.9<br>84.3 | 82.2<br>85.6 |              | 84.0<br>87.5 | 84.8         | 88.6         | 85.2         | 85.2<br>88.8 | 85.3         | 85.3<br>88.9 |               |
| ≥ 1800                |     | 72.0         | 76.3         |              | 84.2<br>85.9 | 85.2<br>86.9 | 88.3         | 89.9         | 88.4<br>90.2 | 89.3<br>91.1 | 89.5<br>91.3 | 89.7<br>91.3 |              | 99.8<br>91.6 | 89.8         | 89.8          |
| ≥ 1000<br>≥ 1000      |     | 73.6         | 80.0         | 84.4         | 86.5         | 87.5<br>89.1 | 90.8         |              | 90.9<br>92.7 | 91.8<br>93.6 |              | 94.1         | 92.3         | 92.3         | 92.3         | 94.2          |
| ≥ 900<br>≥ 800        |     | 75.4         |              | 85.9         | 88.8         | 89,9<br>90,8 | 91.6         | 94.2         | 93.6         | 95.4         | 95.6         |              |              | 95.9         | 95.0<br>95.9 | 96.0          |
| 2 600                 |     | 76.3         | 81.8         | 85.7         | 90.3         |              | 93.3         | 95.5         | 95.4<br>95.8 | 97.1         | 97.3         |              | 97.6         | 97.5         | 97.0         | 97.7          |
| ≥ 500<br>≥ 400        |     | 76.7         |              | 87.6         | 91.7         | 92.9         | 94.6         | 96.8         | 96.9<br>97.3 | 99.6         | 98.9         | 99.1         | 99.1         | 99.2         | 95.8         | 99.2          |
| ≥ 300                 |     | 76.7         | 82.3         | 87.6         | 91.7         | 92,9         | 95.0<br>95.1 | 96.9         | 97.3         | 98.6         | 99.0         |              | 99.2         | 99.5         | 99.5         | 99.5          |
| ≥ 0<br>≥ 100          |     | 76.7<br>76.7 | 82.3<br>82.3 |              |              | 92.9         | 95.1         | 96.9         | 97.3<br>97.3 |              | 99.0<br>99.0 |              |              |              |              | 99.5<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1319

USAF ETAC 1104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TUKYO TAP JAPAN/HUNSHU 47-60,71-72

008<u>0</u>040800

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| (FILING)              |     |              | -            |              |                  |              | VIS          | IBILITY ST   | ATUTE MIL    | ES           |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥4           | ≥ 3              | ≥2,          | ≥ 3          | ≥1           | ≥1.          | ≥1           | ≥ '₄         | ≶.*          | ≥            | ≥5 16        | ≥ .          | ≥0            |
| NO (EILING<br>≥ 20000 |     | 20.2         |              | 25.5<br>25.5 | 28.4             | 30.0<br>33.4 | 32.3         |              |              | 37.7<br>43.0 |              | 39.9<br>45.5 | 40.1         | 40.3<br>46.1 | 40.3<br>46.1 | 40.3          |
| ≥ 18000<br>≥ 16000    |     | 22.0         |              | 28.6<br>28.6 | 31.8             | 33.6         | 36.6<br>36.7 | 39.9         | 41.0         | 43.4         | 45.6         | 45.9<br>46.0 | 46.4         | 46.5         | 46.5         | 46.5          |
| ≥ 14000<br>≥ 12000    |     | 22.3         | 25.6<br>25.2 | 29.0<br>29.8 | 32.5<br>33.6     | 34.3<br>35.4 | 37.7<br>39.0 | 41.1         | 42.2         | 44.6<br>45.9 | 47.0<br>48.3 | 47.4         | 47.9         | 48.1         | 48.1         | 48.1<br>49.4  |
| ≥ 10000<br>≥ 9000     |     | 23.7         | 27.3         | 31.4         | 35.4<br>36.4     | 37.3<br>38.2 | 41.1<br>42.2 | 44.7         | 45.9<br>47.0 | 48.4<br>49.4 |              | 51.5<br>52.5 | 52.1<br>53.1 | 52.2<br>53.3 | 52.2<br>53.3 | 52.2<br>53.3  |
| ≥ 9000<br>≥ 7000      |     | 25.6<br>26.5 | 30.3         | 33.6<br>34.9 | 38.1             | 40.0<br>41.7 | 44.1<br>45.9 | 48.1         | 49.3<br>51.2 | 51.9<br>54.0 |              | 55.0<br>57.3 | 55.6<br>58.0 | 55.8<br>58.1 | 55.8<br>58.1 | 55.8<br>58.2  |
| ≥ 5000<br>≥ 5000      |     | 29.1<br>32.5 | 33.4<br>37.1 | 38.1         | 43.2             | 45.3<br>50.3 | 49.6<br>54.7 | 53.7<br>58.9 | 55.0<br>60.2 | 57.8<br>63.2 | 60.6<br>66.1 | 61.1         | 61.7<br>67.2 | 51.9<br>67.4 | 51.9<br>67.4 | 61.9<br>67.5  |
| ≥ 4500<br>≥ 4000      |     | 34.4         | 39.2<br>41.9 | 44.7         | 50.8             | 53.2<br>56.7 | 57.8<br>61.6 | 61.9<br>65.9 | 63.2         | 66.2<br>70.5 | 69.2<br>73.5 | 69.7         | 70.3         | 70.5         | 70.5         | 70.5<br>75.0  |
| ≥ 3500<br>≥ 3000      |     | 38.1<br>39.9 | 43.8<br>46.0 | 50.2<br>52.8 | 56.9             |              | 64.9         | 69.2<br>73.0 | 70.7         | 74.1         | 77.2<br>81.0 | 77.7<br>81.5 | 78.4<br>82.2 | 78.6<br>82.4 | 78.6<br>82.4 |               |
| ≥ 2500<br>≥ 2000      |     | 41.2<br>42.1 | 47.8         | 54.9<br>56.1 | 62.5             | 65.5         |              | 75.8<br>78.1 | 77.4         | 80.9<br>83.4 |              | 84.6<br>87.1 | 85.3<br>87.8 | 85.5<br>85.0 | 85.5<br>88.0 |               |
| ≥ 1800<br>≥ 1500      |     | 42.3         | 49.1         | 56.4<br>57.1 | 64.8             | 7            | 74.1<br>75.8 | 78.6<br>80.5 | 80.3         | 83.9         |              |              | 88.3<br>90.4 |              | 88.5<br>90.6 |               |
| ≥ 1200<br>≥ 1000      |     | 42.9<br>43.2 | 50.0<br>50.6 |              | 66.6             | 71.3         | 76.9<br>78.0 | 81.7         | 83.6         |              | 92.1         | 92.5         | 92.0         | 93.5         | 92.2<br>93.5 |               |
| ≥ 900<br>≥ 800        |     | 43.6         | 51.1<br>51.3 | 58.7<br>58.9 | 68.3             |              | 78.8         | 83.8<br>84.5 | 85.7<br>86.4 | 89.6<br>90.6 | 93.9         |              | 94.1         | 94.3<br>95.3 | 94.3         |               |
| ≥ 700<br>≥ 600        |     | 44.2         | 51.7         | 59.4<br>59.8 | 69.2             | 73.2         | 80.3<br>80.8 | 85.6         | 87.7<br>88.4 | 91.9         | 96.0         |              | 96.5         | 97.5         | 96.7         |               |
| ≥ 500<br>≥ 400        |     | 44.4         | 52.1<br>52.1 | 60.0<br>60.1 | 69.9<br>70.1     | 74.1         | 81.2<br>61.3 |              | 89.6         | 93.5<br>94.0 | 97.4         | 97.9         |              | 98.8         | 99.0         | 99.1          |
| ≥ 300<br>≥ 200        |     | 44.4         | 52.1<br>52.1 | 60.1<br>60.1 | 70.1             | 74.1         | 81.4<br>81.4 |              | 89.9         | 94.4         | 97.7         |              | 99.0         |              | 99.6         | 99.6          |
| ≥ 100<br>≥ 0          |     | 44.4         | 52.1<br>52.1 | 60.1         | 70 • 1<br>70 • 1 | 74.1<br>74.1 | 81.4<br>81.4 | 87.5<br>87.5 | -            | 94.4         |              |              | 99.0         |              |              | 99.6<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1361

USAF ETAC 100 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311

TOXY! TAP JAPANAL SHU

47-60-71-72

MAR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| (EILING                    |      |              |              |              | -            |                      | VIS          | IBILITY .ST. | ATUTE MIL | ES           |              |              |                      |                      |              |              |
|----------------------------|------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|-----------|--------------|--------------|--------------|----------------------|----------------------|--------------|--------------|
| FEET                       | ≥ 10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2.                  | ≥ ?          | ≥1'.         | ≥1.       | ≥1           | ≥ 14         | ≥ ′⊾         | ≥ ,                  | ≥ 5 16               | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000      |      | 29.8         | 32.0         | 34.1         | 37.2<br>43.4 | 38.0                 | 39.8<br>46.6 |              |           |              | 42.1<br>50.5 |              | 42.2                 | 42.2<br>50.7         | 42.2         | 42.2         |
| ≥ 18000<br>≥ 16000         |      | 34.2         | 37.1<br>37.1 | 39.9<br>39.9 |              | 44.8                 |              | 48.4<br>48.7 | 49.0      | 50.5<br>50.7 | 51.1<br>51.3 | 51.2<br>51.4 | 51.2<br>51.5         | 51.2<br>51.5         | 51.2<br>51.5 | 51.2<br>51.5 |
| ≥ 14000<br>≥ 12000         |      | 34.7         | 37.9         | 40.8         | 1 1          | 46.2                 | 48.5<br>50.4 |              |           | 51.9<br>54.1 | 52.6<br>55.0 | 52.8<br>55.2 | 52.9<br>55.3         | 52.9<br>55.3         | 52.9<br>55.3 | 52.9         |
| ≥ 10000                    |      | 36.5<br>30.8 |              |              | 48.5         | 50.1<br>50.8         |              |              | 55.8      |              | 57.7<br>58.4 | 57.9<br>58.6 | 58.0<br>58.7         |                      |              | 58.0<br>58.7 |
| ≥ 8000<br>≥ 7000           |      | 38.2         | 43.6         | 47.9         |              | 53.2<br>55.0         |              | 59.7         | 60.4      | 62.4         | 61.3         | 63.6         | 61.6                 | 63.7                 | 63.7         | 63.7         |
| ≥ 500x)                    |      | 43.9         |              | 53.4         | 59.0         | 61.0                 | 64.5         | 66.5         |           | 69.4         | 70.5         | 70.6         | 70.8                 |                      | 70.8         |              |
| ≥ 4500<br>≥ 4000           |      | 45.7         |              | 58.1         | 64.6         | 66.9                 | 70.7         |              |           |              |              | 77.5         | 73.5                 | 73.5                 | 77.7         | 73.5         |
| 2 3500<br>2 3000<br>2 7500 |      | 49.2         | 54.9         |              | 69.1         | 71.6                 | 76.1         | 79.3         | 80.5      |              | 84.0         | 84.2         | 81.0<br>84.4         | 81.0<br>84.4         | 84.5         | 81.0         |
| ≥ 1800                     |      | 50.5<br>50.8 | 50.5         |              | 71.6         | 73.6                 |              |              |           | 87.2         | 87.1<br>88.6 |              |                      |                      | 89.1         | 87.5<br>89.1 |
| ≥ 1500                     |      | 51.2         | 57.3         | 44.4         | 72.7         | 74.9<br>75.7<br>76.6 |              | 83,8<br>85,2 |           |              | 90.9         |              | 89.4<br>91.2<br>92.9 | 89.4<br>91.2<br>92.9 | 91.3         | 91.3         |
| ≥ 1000                     |      | 51.6         | 58.4         | 65.7         | 74.3         | 77.4<br>78.0         |              | 87.7         | 89.3      | 92.3         | 93.9         | 94.1         |                      |                      | 94.3         | 94.3         |
| ≥ 800<br>≥ 700             |      | 52.2         | 59.0         | 46.6         | 75.5         | 78.8<br>79.3         | 84.6         | 89.3         | 91.1      | 94.1         | 95.7         | 95.9         | -                    | 26.1                 | 76.2         | 96.2         |
| ≥ 500                      |      | 52.6         |              | 67.3         | 76.4         | 79.8                 | 85.8         |              | 92.8      | 92.9         | 97.8<br>98.6 | 97.9         | 98.1                 | 93.1                 | 98.2         | 98.2         |
| ≥ 400<br>> 300             |      | 52.7         | 59.8<br>39.8 | 67.4         | 76.6         | 80.0                 | 86.1         | 92.0         | 93.8      | 97.2         | 99.1<br>99.3 | 99.3         | 99.5                 | 99.5                 | 99.6         | 99.6         |
| ≥ 100                      |      | 52.7         |              | 67.4         | 76.6         | 80.0                 | 86.1         |              | 93.9      | 97.5         | 99.3         | 99.6         |                      | 99.9                 | 99.9         | - 1          |
| ≥ 0                        |      | 52.7         | 59.8         |              | (            | 80.0                 |              | 92.0         |           |              |              | 99.6         |                      | - 1                  | 100.0        | - 1          |

TOTAL NUMBER OF OBSERVATIONS

1379

USAF ETAC (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYC TAP JAPAD/FONSHU 47-60,71-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

|                       |     | , <del></del> . |              |              |              |              | VIS          | IBILITY ST   | ATUTE MIL    | <del></del>  |              |              |              | · · · · · · · · · · · · · · · · · · · |              | 1            |
|-----------------------|-----|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------------------|--------------|--------------|
| CEILING<br>FEET       |     | ,,              |              |              |              |              | V13          | 101()11 131  | A1016 MIL    |              |              |              |              |                                       |              |              |
| 1 1                   | ≥10 | ≥6              | ≥5           | ≥4           | ≥3           | ≥2 2         | ≥ ?          | ≱1.          | <u>≥</u> 1'a | ≥۱           | ≥ '₄         | ≥ .          | ≥            | ≥5 16                                 | ≥.           | ≥0           |
| NO CEILING<br>≥ 20000 |     | 41.0            | 42·1<br>48·3 |              |              | 44.5<br>51.9 |              | 45.3<br>53.0 |              | 45.3<br>53.0 | 45.3<br>53.0 |              |              |                                       | 45.3<br>53.0 |              |
| ≥ 18000<br>≥ 16000    |     | 47.3            | 48.8         | 50.5         | 52.0         | 52.3<br>52.7 | 53.0         | 53.5         | 53.5         | 53.5         | 53.5         | 53.5         | 53.5         | 53.5                                  | 53.5<br>53.9 | 53.5         |
| ≥ 14000<br>≥ 12000    |     | 48.5            | 50.1         | 52.2<br>54.5 | 53.7<br>56.1 | 54.2<br>56.7 | 55.0<br>57.7 | 55.4<br>58.1 | 55.4<br>58.1 | 55.5<br>58.2 | 55.5         | 55.5<br>58.2 | 55.5<br>58.2 |                                       | 55.5<br>58.2 | 55.5<br>58.2 |
| ≥ 10000<br>≥ 9000     |     | 52.1<br>52.8    | 53.9<br>54.7 | 56.5<br>57.5 | 58.2<br>59.2 | 58.C<br>59.6 |              | 60.5         |              | 60.5         | 60.5         |              | 60.5<br>61.7 | 60.5<br>61.7                          | 60.5<br>61.7 | 60.3         |
| ≥ 8000<br>≥ 7000      |     | 55.1            |              | -            |              | 62.3         | 63.7         | 64.4         |              | 64.6<br>66.8 | 64.6<br>66.8 |              | 64.6<br>56.8 |                                       | 64.6<br>66.8 | 64.6<br>66.8 |
| ≥ 6000<br>≥ 5000      | _   | 59.0<br>62.1    | 61.2         | 64.2         | 66.2         | 66.9         | 68.4<br>71.8 | 69.1<br>72.6 |              |              |              |              | 69.4<br>77.9 |                                       | 69.4         |              |
| ≥ 4500<br>≥ 4000      |     | 04.4            | 66.8         | 70.1         | 72.2         |              |              |              | 75.5         | 75.7<br>79.4 | 75.7<br>79.6 | 75.7<br>79.6 | 75 <b>.7</b> | 75.7<br>79.6                          | 75.7<br>79.6 |              |
| ≥ 3500<br>≥ 3000      |     | 70.2            |              | 75.5<br>77.1 | 77.9         |              |              | 81.3         | 81.4         | 81.7         |              | 81.9<br>83.9 | 81.9<br>53.9 | 81.9<br>83.9                          |              |              |
| ≥ 2500<br>≥ 2000      |     | 71.7            | 75.2<br>76.5 | 79.2<br>80.7 | 81.9<br>83.6 | 82.6<br>84.2 | 84.6         | 85.7<br>87.7 | 85.9         |              |              |              | 86.5         | 86.5                                  |              |              |
| ≥ 1800<br>≥ 1500      |     | 73.2            |              |              | 84.0<br>85.6 |              |              |              | 88.3         |              | 89.4         | 89.4<br>91.6 | 89.4         | 89.4<br>91.6                          |              |              |
| ≥ 1200<br>≥ 1000      |     | 74.6            |              |              |              | 87.9         | 90.2         | 91.7         | 91.9<br>93.0 |              | 93.4         |              | 93.4         |                                       |              |              |
| ≥ 900<br>≥ 800        |     | 74.9            |              |              |              | _            | 91.7         |              |              |              |              |              | 95.4<br>96.6 |                                       |              |              |
| ≥ 700<br>≥ 600        |     | 75.4            |              |              | 89.2<br>89.6 |              |              |              | 95.6         |              |              |              |              |                                       |              |              |
| ≥ 500<br>≥ 400        |     | 75.6            |              | T            | 89.9         |              | 94.3         |              |              |              |              |              | 99.4<br>99.8 |                                       |              |              |
| ≥ 300<br>≥ 200        |     | 75.6<br>75.6    | 79.9         | ,            |              |              | 94.4         |              |              |              | 99.7         | 99.8         | 99.9         | 100.0                                 | 100.0        | 100.0        |
| ≥ 100<br>≥ 0          |     | 75.6<br>75.6    |              | • .          |              | ,            | 94.4         |              | 97.4         |              |              | 99.8         | 99.9         | 100.0                                 | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1401

USAF ETAC 11,000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311

TUKYU TAP JAPANAHAN SHU

47-60,71-72

MAR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING               |      |              |              |              |              |              | VIS          | IBILITY (ST. | ATUTE MIL    | ES           | ,            |              |      |              |              |              |
|-----------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|
| FEET                  | ≥ 10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2.          | ≥ ?          | ≥1 /         | ، ا≲         | ≥1           | ≥ '4         | ≥ .          | ≶.   | ≥5 16        | ≥ .          | ≥0           |
| NO CEILINC<br>≥ 20000 |      | 38.3         | 39.0<br>46.4 |              | 40.1<br>48.1 | 40.2         | 40.3         | 40.3         | 40.3         | -            | 40.5         |              |      |              |              | 40.5<br>48.9 |
| ≥ 18000<br>≥ 16000    |      | 46.0         | 47.0         | 48.1         | 48.7         | 49.1         | 49.3         | 49.4         | 49.4         | 49.4         | 49.5         | 49.5         |      |              |              | 49.5         |
| ≥ 14000<br>≥ 12000    |      | 47.3         | 48.3         | 49.5         | 50.1<br>51.8 | 50.5<br>52.2 | 50.7         | 50.8<br>52.4 | 50.8         | 50.9         | 50.9         | 50.9         | 50.9 | 50.9         | 50.9<br>52.6 | 50.9<br>52.6 |
| ≥ 10000<br>≥ 9000     |      | 51.1         | 52.2         | 53.8         | 54.7<br>55.3 | 55.0<br>55.7 | 55.3<br>55.1 | 55.4<br>56.1 | 55.4<br>56.1 |              | 55.5         | 55.5         |      | 55.5<br>56.3 | 55.5<br>56.3 |              |
| ≥ 8000<br>≥ 7000      |      | 53.6         |              | 56.3<br>58.3 | 57.2         | 57.6<br>59.7 | 56.3         | 58.4<br>60.4 | 58.4         | 58.4         | 58.5         | 58.5<br>66.5 | 58.5 |              | 58,5         | 58.5<br>60.5 |
| ≥ 6000<br>≥ 5000      |      | 57.8<br>62.8 | 59.3         |              | 62.0         | 62.4         | 68.3         | 63.1<br>68.4 | 63.3         |              | 63.5         | 63.5         |      | 63.5         | 63.5         |              |
| ≥ 4500<br>≥ 4000      |      | 64.3<br>70.2 | 66.0         | 67.8<br>74.1 | 68.7         | 69.2         | 69.9         | 70.0         | 70.1         | 70.2         | 70.3         | 70.3         | 70.3 | 70.3         | 70.3         | 70.3         |
| ≥ 3500<br>≥ 3000      |      | 72.9         |              | 76.7         | 77.9<br>81.1 | 78.6<br>82.0 | 79.4         | 79.5<br>83.1 | 79.7         | 79.8<br>83.5 | 79.9         |              | 80.0 | 80.0         |              |              |
| ≥ 2500<br>≥ 2000      |      | 77.0<br>78.2 |              | 82.5<br>84.1 | 83.7<br>85.6 | 84.6         | 85.7<br>87.9 | 86.0<br>88.3 |              |              |              |              |      | 86.6         | 86.6         | 86.6         |
| 2 1800<br>2 1500      |      | 78.5         |              |              | 85.2<br>87.6 | 87.1<br>88.6 | 88.5<br>90.1 | 89.0<br>90.6 |              |              | 89.8         |              |      | 90.0<br>91.6 | 90.0         |              |
| 2 1200<br>2 1000      |      | 80.0<br>80.4 |              | 86.8<br>87.4 | 89.1<br>89.8 | 90.4         | 91.9         | 92.7         | 93.0         | 93.7<br>95.2 | 93.9         |              |      | 94.1         | 94.1         |              |
| ≥ 900<br>≥ 800        |      | 80.4         |              | 87.5<br>88.3 | 89.9<br>90.9 | 91.4<br>92.5 | 93.2         | 94.5<br>95.6 |              | 95.6<br>96.8 | 95.9<br>97.1 | 96.0         | 96.1 | 96.1         | 96.1         |              |
| 2 700<br>≥ 600        |      | 81.0         |              | 88.4<br>88.4 | 91.0<br>91.0 |              | 94.6         |              |              |              | 97.8<br>98.3 | 98.0         | 98.1 | 98.1<br>98.6 | 98.1<br>98.6 |              |
| ≥ 500<br>≥ 400        |      | 81.1         | 84.6         |              | 91.2<br>91.2 | 93.0<br>93.0 | 95.1         | 96.6         | - 1          |              | 99.1         | 99.2         | 99.4 |              |              | 99.5         |
| ≥ 300<br>≥ 200        |      | 81.1         | 84.6         | • • •        |              | 93.0         | 95.2<br>93.2 |              |              | 98.8<br>98.8 | 99.5<br>99.5 | 99.6         | 99.9 | 99.9         |              | 100.0        |
| ≥ 1000<br>≥ 0         | L    | 81.1         | 84.6         | -            | 91.2<br>91.2 | 93.0<br>93.0 | 95.2         | 96.8<br>96.8 |              |              | 99.5<br>9^,5 |              |      |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1338

USAF ETAC 10 04 U-14-5 (OL 4 391 MOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 1UKY" IAP JAPAN/FUNSHU 47-60,71-72

h AR

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-5000

| CEILING                    |     |              |              |              |              |              | VIS                  | BILITY ST    | ATUTE MILI   | ES           |      |              |                      |              |              |                      |
|----------------------------|-----|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|------|--------------|----------------------|--------------|--------------|----------------------|
| FEET                       | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 ;         | ≥ 2                  | ≥1.          | ≥1'.         | ≥ı           | ≥ '₄ | ≥'*          | ≥ .                  | ≥5 16        | ≥ .          | ≥0                   |
| NO CEILING<br>≥ 20000      |     | 38,5         |              |              | 42.3         |              | 43.0                 |              | 43.1         | 43.4         | 43.5 |              |                      |              | 43.5         |                      |
| ≥ 18000<br>≥ 16000         |     | 42.9         |              | 46.1         | 47.3         | 47.9         | 48.1<br>48.5         | 48.2<br>48.6 | 48.2<br>48.6 | 48.5<br>48.9 |      |              | 48.7                 | 48.7         |              | 48.7                 |
| ≥ 14000<br>≥ 12000         |     | 44.1         | 45.6         | 47.4         | 46.7         | 49.3<br>51.1 | 49.6<br>51.3         | 51.4         | 49.6<br>51.4 | 49.9<br>51.7 |      |              | 50.1<br>51.9         | 50.1<br>51.9 | 50.1<br>51.9 | 50.1<br>51.9         |
| ≥ 10000<br>≥ 9000          |     | 48.0         | 49.6<br>50.3 | 51.5<br>52.2 | 53.0<br>53.6 | 53.6<br>54.7 | 53.9<br>54.5         | 53.9<br>54.6 |              | 54.2<br>54.9 | 55.0 | 55.0         |                      | 54.4<br>55.0 |              | 54.4<br>55.0         |
| ≥ 8000<br>≥ 7000           |     | 50.8<br>52.7 | 54.5         | 54.5<br>56.5 | 58.1         | 58.8         |                      | 59.3         | 59.3         | 57.5<br>59.6 | 59.7 | 59.8         | 59.8                 | 57.6<br>59.8 |              | 57.6<br>59.8         |
| ≥ 6000<br>≥ 5000           |     | 56.0<br>59.5 | 61.4         | 60.0         | 65.6         | 66.3         |                      | 67.0         | 67.0         | 67.3         | 67.4 | 63.4         | 63.4                 | 63.4         | 67.4         | 67.4                 |
| ≥ 4500<br>≥ 4000           |     | 66.3         | 68.6         | 71.2         | 73.3         | 69.1<br>74.1 | 69.7<br>74.8         | 69.8<br>75.0 | 75.1         |              |      |              | 70.3                 |              | 75.7         | 70.3<br>75.7         |
| ≥ 3500<br>≥ 3000           |     | 70.8         | 73.3         | 73.4         | 75.8<br>78.7 |              |                      | 77.6<br>80.6 | 80.8         | 81.1         | 81.3 | 78.3<br>81.4 |                      |              | 81.4         | 78.3<br>81.4         |
| ≥ 2500<br>±. 2000          |     | 73.4         | 78.3         | 81.5         | 81.8         | 82.8<br>85.2 | 86.1                 | 83.8         | 84.0         | 84.3         | 87.4 |              | ,                    | 84.5         | 87.5         |                      |
| ≥ 1800<br>≥ 1500<br>≥ 1200 |     | 75.8         | 80.4         | 83.7         | 85.3         |              |                      |              |              | ,            | 90.2 | 90.3         | 88.8<br>90.4         |              | 90.4         |                      |
| ≥ 1000                     |     | 77.6         | 82.6         |              | 89.8         |              |                      |              | 90.9         |              | 94.2 |              | 91.8                 | 94.4         | 94.4         |                      |
| ≥ 900<br>≥ 800<br>≥ 700    |     | 79.4         | 83.5         | 87.2         | 90.9         | 92.1         | 93.7                 |              |              |              | 95,7 |              |                      | 95.9         | 96.0         | 96.0                 |
| ≥ 600<br>≥ 500             |     | 79.8         | 84.0         | 37.7         | 91.6         |              | 94.7                 |              |              |              | 97.5 | 97.6         |                      | 97.7         |              |                      |
| ≥ 400<br>≥ 300             |     | 80.0         | E4.1         | 87.8         | 92.0         | 93.5         | 95.0<br>95.4<br>95.4 | 96.8         |              | 98.1         | 99.2 | ,            | 98.5<br>99.5<br>99.7 | 99.5         | 99.6         | 98.7<br>99.6<br>99.9 |
| ≥ 200                      |     | 80.0         | 84.1         | 87.8         | 92.0         |              | 95.4                 | 95.8         |              | 98.3         | 99.4 | 99.5         | 99.7                 | 99.8         |              | 99.9                 |
| ≥ 0                        |     | 1            | 84.1         |              | 92.0         | -            |                      | 96.8         | 97.2         | 98.3         | 99.4 | 39.6         | 99.7                 | 99.5         | 100.0        | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1348

USAF ETAC  $\frac{87.99}{\text{hol} 64}$  0-14-5 (OL A) previous editions of this form are obsolete

### CEILING VERSUS VISIBILITY

43311 TOKY' 1AP JAPAN/FONSHU 47-60,71-72

MAR MODEL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING            |     |              |              |              |              |              | VIS          | BILITY ST    | ATUTE MILI   | ES           |              |              |              |              |                |              |
|--------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEET               | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2.          | ≥ 2          | 21'2         | ≥1.          | ≥1           | ≥ 34         | ≥′,*         | ≥ ,          | ≥ 5 16       | 2.4            | ≥0           |
| NO CEILING         |     | 33.5         | 35.0         | •            | 38.4         | 39.4         | 40.3         | 41.1         | 41.3         | 41.8         |              | 42.6         | 42.8         | 43.1         | 43.1           | 43.1         |
| ≥ 18000<br>≥ 15000 |     | 36.7         | 37.6         |              | 41.8         | 43.1         | 44.0         | 45.2         | 45.4         | 46.0<br>46.2 | 46.9<br>47.1 | 46.9         | 47.1         | 47.4         | 47.4           | 47.4         |
| ≥ 14000<br>≥ 12000 |     | 37.2<br>38.8 |              | 41.2         | 43.3         | 44.5         | 45.5<br>47.6 | 46.7         | 46.9         | 47.5         | 48.4<br>50.6 | 48.4         | 48.6         | 48,9<br>51.1 | 48.9<br>51.1   | 48.9<br>51.1 |
| ≥ 10000<br>≥ 9000  |     | 40.0         | 1 - 1        | 44.3         |              | 48.1<br>48.9 | 49.2<br>50.0 | 50.5         | 50.9<br>51.8 | 51.5<br>52.4 | 52.4<br>53.3 | 52.4<br>53.3 | 52.6<br>53.5 | 52.9<br>53.8 | 52.9<br>53.8   | 52.9<br>53.8 |
| ≥ 8000<br>≥ 7000   |     | 43.1         | 44.9         | 47.5         | 50.2<br>52.3 | 51.4<br>53.7 | 52.6<br>54.8 | 56.3         | 54.4<br>56.6 | 55.0<br>57.3 | 55.9<br>58.2 | 55.9<br>58.2 | 56.1<br>58.4 | 56.3<br>58.6 | 56.3<br>58.6   | 56.3<br>58.6 |
| ≥ 6000<br>≥ 5000   |     | 48.3<br>52.9 |              | ,            |              | 57.1<br>62.4 | 58.2<br>63.7 | 59.7<br>65.2 | 60.1         | 60.8<br>66.3 | 61.7         | 61.7         | 67.4         | 62.2         | 42.2<br>47.7   | 62.2         |
| > 4500<br>≥ 4000   |     | 55.4<br>59.5 | 57.3<br>61.9 |              | 64.0         | 65.6<br>70.6 | 66.8<br>71.9 | 68.4<br>73.5 | 68.8<br>73.9 | 69.5         | 75.5         |              | 70.6<br>75.8 |              | 70.8           | 70.8<br>76.0 |
| ≥ 3500<br>≥ 3000   |     | 61.5         | 64.1         | 68.0<br>71.0 |              | 73.0<br>76.2 | 74.4         |              | 76.4         | 77.1<br>80.4 | 78.0<br>81.5 | 78.0<br>81.5 | 78.2<br>81.7 | 78.3<br>81.9 | 78.5<br>81.9   |              |
| ≥ 2500<br>≥ 2000   |     | 66.7         |              |              |              | 78.9<br>82.6 | 80.4<br>84.2 | 86.0         | 82.7         | 83.5<br>87.4 | 88.5         | 84.7         | 84.9<br>58.7 | 89.0         |                | 85.1<br>89.0 |
| ≥ 1800<br>≥ 1500   |     | 69.9<br>71.5 |              | 77.8<br>82.0 |              | 83.5         | 85.2<br>87.8 | 87.0         | 87.5<br>90.3 | 88.4<br>91.2 |              | 89.5<br>92.3 | 89.7<br>92.6 | 90.0<br>92.8 | 90.0<br>92.8   | 90.0<br>92.8 |
| ≥ 1200             |     | 73.0         | 77,8         | 82.6         | 87.0         |              | 89.9<br>90.9 | 92.7         | 92.3         | 93.2<br>94.3 |              | 94.3         | 94.6<br>95.8 |              | 94.9           | 96.0         |
| ≥ 900              |     | 73.9         | 78.7         | 83.5         | 87.9         | 89.7         | 92.0         |              |              | 94.7<br>95.5 |              | 95.8<br>96.6 | 96.1<br>96.9 |              | 97.1           | 97.1         |
| ≥ 700<br>≥ 600     |     | 74.4         | 79.4         | 84.3         | 88.9         | 90.0         | 92.4         | 95.3         | 94.8         | 95.9         | 98.4         | 97.1<br>98.4 | 97.4<br>98.7 | 98.9         | 98.9           |              |
| ≥ 500<br>≥ 400     |     | 74.8         | 79.4         | 84.3         |              | 90.9         |              |              |              | 97.7         | 99.2         | 99.2         | 99.2         | 99.9         | 99.9           |              |
| ≥ 300<br>≥ 200     |     | 74.8         | 79.4         |              | 88.9         |              | 93.8<br>93.8 | 95.8         | 96.6         | 98.0         | 99.2         | 99.2         |              | 100.0        | 100.0          | 100.0        |
| 000 ج              |     | 74.8         |              | ~ , • -      |              |              | 93.8<br>93.8 |              |              |              | 99.2         |              |              |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS

1324

USAF ETAC  $\frac{k}{691.64}$  0+14+5 (OL A) previous editions of this form are obsolete

## CEILING VERSUS VISIBILITY

43311 TOKYL 1AP JAPAN/HUNSHU 47-60,71-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

c000-0200

| CEILING                    |      |                      |       |                      |              |                      | VIS          | BILITY ST    | ATUTE MILI           | ES,          |                      |              |              |              |              |              |
|----------------------------|------|----------------------|-------|----------------------|--------------|----------------------|--------------|--------------|----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥ 10 | ≥6                   | ≥5    | ≥ 4                  | ≥ 3          | ≥2 ₂                 | ≥ 2          | չì.          | ≥1'.                 | ≥1           | ≥ 34                 | ≥ ′*         | ≥ 2          | ≥ 5 16       | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000      |      | 32.2                 | 33.7  | 35.9<br>38.8         | 37.4<br>40.6 | 38.0                 | 39.1         | 39.2         | 39.5                 |              | 40.6                 | 40.6         | 40.6         |              | 40.8         | 40.9         |
| ≥ 18000                    |      | 35.9<br>36.2         |       | 39.8<br>40.2         | 41.6         | 42.6                 | 43.4         | 43.6<br>43.9 | 43.8                 | 44.7         | 45.0                 | 45.0<br>45.3 | 45.0         | 45.0         | 45.2         | 45.2         |
| ≥ 14000<br>≥ 12000         |      |                      | 42.3  | 41.6                 |              |                      | 45.5<br>48.8 | 49.1         | 45.9                 | 46.7<br>50.2 | 47.0<br>50.5         | 47.0<br>50.5 |              | 47.0<br>50.5 | 47.2<br>50.7 | 47.3<br>50.8 |
| ≥ 10000                    |      | 42.3                 | 1:: 1 | 45,6                 | 48.5         | 49.8                 |              | 51.0<br>51.6 |                      | 52.7         | 52.4<br>53.0         | 52.4<br>53.0 | 52.4<br>53.0 |              | 52.6<br>53.2 | 53.3         |
| ≥ 8000<br>≥ 7000           |      | 44.1                 | 48.9  | 52.1                 | 51.1<br>54.1 | 52.0<br>55.0         | 53.4<br>56.6 |              | 54.0<br>57.3         | 58.1         | 55.2<br>58.4         | 55.2<br>58.4 | 55.2<br>58.4 | 55.2<br>58.4 | 55.3<br>58.6 | 58.7         |
| ≥ 6000<br>≥ 5000           |      |                      | 55.9  | 59.2                 | 56.6         | 57.5<br>62.3         | 59.3<br>64.1 | 64.5         |                      | 65.5         | 61.1                 | 61.1         | 61.1         | 65.0         | 61.3         | 66.1         |
| ≥ 4500<br>≥ 4000           |      | 55.9<br>59.8         | 62.1  | 61.6                 | 68.0         | 64.7<br>68.9         | 66.8<br>71.1 | 67.2<br>71.5 | 71.7                 |              |                      | 73.0         |              |              | 73.1         | 73.2         |
| ≥ 3500                     |      | 63.1                 | 69.0  |                      | 75.4         | 72.7                 | 74.9         | 78.9         | 75.5<br>79.1         | 80.1         | 80.5                 | 76.8         | 10.5         | 76.8<br>80.5 | 77.0<br>80.5 | 80.7         |
| ≥ 2500<br>≥ 2000           | ·    | 71.3                 | 74.4  | 78.2                 | 81.0         |                      | 84.5         | 82.1<br>85.0 |                      | 86.2         | 86.8                 | 83.8         | 86.8         | 86.8         |              | 87.0         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 |      | 71.6                 | 76.2  | 78.6<br>80.2         | 83.2         | 84.1                 | 85.1<br>86.8 |              | 87.5                 | 88,4         | 89.2                 | 87.3<br>89.2 | 89.2         | 89.2         | 87.5<br>89.4 | 89.5         |
| = 1000                     |      | 74.6                 | 78.2  |                      | 84.8         | 86.8                 | 88.4         |              | 90.3                 | 91.3         | 92.1                 | 91.0<br>92.1 | 92.2         | 92.2         | 91.2         | 92.4         |
| ≥ 800                      |      | ,                    | 79.5  | 84.0                 |              | 88.6                 | 91.3         | 91.3         | 91.1<br>92.1         | 93,1         | 92.9                 |              | 94.1         | 94.1         | 93.1         | 93.2         |
| ≥ 600                      |      |                      | 30.7  | 85.5                 | 89.5         | 90.8                 |              | 94.1         | 93.5<br>94.5<br>95.5 | 95.5         | 96.4                 |              | 96.5         |              |              | 96,7         |
| ≥ 500<br>≥ 400<br>≥ 300    |      | 76.4<br>76.4<br>76.6 | 80.9  | 86.0<br>86.0<br>86.2 | 90.3         | 91.4<br>91.6<br>91.9 |              | 95.B         |                      | 97.6         | 97.5<br>98.4<br>98.8 | 98.4         | 98.6         |              |              | - 1          |
| ≥ 100                      |      | 76.6                 | 81.1  | 86.2                 | 90.5         | 91.5                 | 95.0         | 96.1         | 96.6                 | 98.0         | 98.8<br>98.9         | 98.5         | 99.0         | 99.0         | 99.2         |              |
| 2 0                        |      | 76.6                 |       | 86.3                 |              |                      |              |              |                      |              | 98.9                 |              |              |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1280

USAF ETAC 104 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HUNSHU 47-60,71-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03000-0500

| CEILING               |     |              |              |              |              |                  | VIS          | IBILITY STA  | ATUTE MILI   | ES           |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2.              | ≥2           | ≥1′;         | ≥1.          | ≥1           | ≥ 14         | ≥′,*         | ≥ ,          | ≥ 5 16       | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 27.0<br>29.5 |              |              | 34.2<br>38.2 | 34.9<br>39.1     | 36.7<br>41.0 | 37.3<br>41.5 | 37.7<br>41.9 | 38.0<br>42.3 | 38.2<br>42.5 | 38.2<br>42.5 | 38.3<br>42.6 |              | 38.4<br>42.8 | 38.5<br>42.9  |
| ≥ 18000<br>≥ 16000    |     | 29.7         |              | 35.7<br>36.0 | 38.6<br>38.9 | 39.5             | 41.5<br>41.8 | 42.0         | 42.4         | 42.8<br>43.1 | 43.0         | 43.0         | 43.4         | 43.1<br>43.4 | 43.2<br>43.6 | 43.3          |
| ≥ 14000<br>≥ 12000    |     | 31.4         | 34.5         | 37.7<br>40.5 | 40.6<br>43.5 | 41.5<br>44.4     | 43.5<br>46.4 | 44.0<br>46.9 | 44.4         | 44.8         | 45.0<br>48.1 | 45.0<br>48.1 | 45.1<br>48.1 | 45.1<br>48.1 | 45.3<br>48.3 | 45.3          |
| ≥ 10000<br>≥ 9000     |     | 34.7         | 38.1<br>38.9 | 41.8         | 44.9         | 45.8             | 47.7<br>48.8 | 48.3<br>49.4 | 48.7<br>49.8 | 49.1<br>50.3 | 49.5<br>20.7 | 49.3<br>50.7 | 47.6<br>50.8 |              | 49.8<br>50.9 | 49.8<br>51.0  |
| ≥ 8000<br>≥ 7000      |     | 37.8<br>39.7 | 41.2         | 45.3         | 48.5<br>50.5 | 49.5<br>51.6     | 51.5<br>53.6 | 52.0<br>54.3 | 52.4<br>54.8 | 53.0<br>55.5 | 53.4<br>55.9 | 53,4<br>55,9 | 53.5<br>56.0 |              | 53.6<br>56.1 | 53.7<br>56.2  |
| ≥ 6000<br>≥ 5000      |     | 43.5         | 46.9<br>51.4 | 51.2<br>55.7 | 54.5<br>59.1 | 55.7<br>60.2     | 57.6<br>62.3 | 58.3<br>63.0 | 58.9<br>63.5 | 59.5<br>64.3 | 59.9<br>64.8 | 59.9<br>64.8 | 60.0<br>64.8 | 60.0<br>64.8 | 60.2<br>65.0 | 60.2          |
| ≥ 4500<br>≥ 4000      |     | 49.4<br>53.6 | 53.0<br>57.3 | 57.4         | 60.8<br>65.8 | 62.0             | 69.3         | 70.1         | 65.4<br>70.7 | 66.1<br>71.5 | 66.6<br>72.1 | 66.6<br>72.1 | 66.7<br>72.2 | 66.7<br>72.2 | 66.8<br>72.4 | 66.9<br>72.4  |
| ≥ 3500<br>≥ 3000      |     | 55.7<br>58.7 | 59.4         | 54.4<br>17.6 | 68.2<br>71.4 | 69.5<br>72.7     | 71.9<br>75.2 | 72.7<br>76.1 | 73.4<br>76.7 | 74.1<br>77.5 | 74.8<br>78.1 | 74.8<br>78.1 | 74.8<br>78.2 | 74.8<br>78.2 | 75.0<br>78.3 | 75.1<br>78.4  |
| ≥ 2500<br>≥ 2000      |     | 61.0         | 54.6         | 72.8         | 73.9<br>76.8 | 75.2<br>78.0     | 77.7<br>80.6 | 76.6<br>81.4 | 79.2<br>82.1 | 80.0<br>82.9 | 80.7<br>83.6 | 80.7<br>83.6 | 80.7<br>83.7 | 80.7<br>83.7 | 80.9<br>83.9 | 81.0          |
| ≥ 1800<br>≥ 1500      |     | 03.9<br>65.9 | 67.7<br>70.0 |              | 76.9<br>79.7 | 78.3<br>81.2     | 80.8<br>83.8 |              | 82.3<br>85.4 | 83.2<br>86.3 | 83.9<br>87.0 | 83.9<br>87.0 | 83.9         |              | 84.1<br>87.2 | 84.2          |
| ≥ 1200<br>≥ 1000      |     | 67.5         | 71.7         | 77.3         |              | 83.2<br>85.2     | 85.9<br>88.1 | 87.0<br>89.4 | 87.7<br>90.1 | 86.5<br>90.9 | 89.2<br>91.6 | 89.2<br>91.6 | 89.3         | 89.3<br>91.7 | 59.4<br>91.9 | 92.0          |
| ≥ 900<br>≥ 800        |     | 69.3         | 73.3<br>73.7 | 79.1<br>79.7 | 83.8<br>84.5 | 85.4             | 88.4         | 89.6<br>90.8 | 90.4<br>91.5 | 91.2<br>92.3 | 91.9<br>93.1 | 91.9         | 92.0<br>53.2 | 92.0<br>93.2 | 92.2<br>93.4 | 93.5          |
| ≥ 700<br>≥ 600        |     | 69.9<br>70.2 | 74.2         |              | 85.3<br>86.6 | 87 • 1<br>88 • 7 | 90.3         | 91.7<br>93.6 | 92.4         | 93.2<br>95.2 | 94.0         | 94.0<br>96.0 | 94.3         |              | 94.5<br>96.4 | 94.6          |
| ≥ 500<br>≥ 400        |     | 70.3         |              | 82.2         | 87.4<br>87.7 | 89.5<br>89.8     |              | 94.8         | 95.6<br>96.1 | 96.6<br>97.1 | 97.9         | 97.4<br>97.9 | 97.6<br>98.1 | 98.1         | 97.8<br>98.4 | 97,9<br>98.4  |
| ≥ 300                 |     | 70.4         |              | 82.4         | 87.7<br>87.9 |                  | 93.5         | 95.7         | 96.2<br>96.5 | 97.3<br>97.8 | 98.9         |              | 98.3         | 99.2         | 98.5<br>99.5 | 98.6          |
| ≥ 100<br>≥ 0          |     | 70.4         |              | 82.4         | 87.9<br>87.9 | 90 · 1           | 93.7         | 95.7         | 96.5<br>96.5 | 97.8<br>97.9 |              | 99.1         | 99.3         |              |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1288

## CEILING VERSUS VISIBILITY

43311 TUKYE TAP JAPAN/ -- TOKYE TAP JAPAN/ --

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CHUNG              |     |              |              |              |              |              | VIS          | IBILITY STA  | ATUTE MILI   | ES           |              |              |              |              |              |              |
|--------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEE1               | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2 :         | ≥ 2          | ≥1'.         | ≥1'.         | ≥1           | ≥ ′₄         | 2.78         | ≥'.          | ≥5 16        | ٤.           | ≥0           |
| NO CEIUNG          |     | 13.3<br>16.5 | 16.7<br>20.3 | 19.8         | 24.3         | 26.0<br>31.6 | 27.9<br>34.3 | 31.0<br>37.7 | 31.9<br>38.7 | 33.8<br>41.1 | 34.8         | 35.0<br>42.4 | 35.1<br>42.7 | 35.1<br>42.7 | 35.1<br>42.7 | 35.2<br>42.7 |
| ≥ 18000<br>≥ 16000 |     | 16.7         | 20.5         | 24.2         | 29.6<br>30.3 | 32.C<br>32.7 | 34.6<br>35.3 | 38.1<br>38.8 | 39.1<br>39.8 | 41.7         | 42.7         | 43.0         | 43.2         | 43.2         | 43.2         | 43.3         |
| ≥ 14000<br>≥ 12000 |     | 17.7         | 21.8         | 25.8         | 31.4<br>34.0 | 33.8<br>36.6 | 36.6<br>39.5 | 40.0<br>43.1 | 41.2         | 43.9<br>47.1 | 45.1<br>48.4 | 45.3<br>48.6 | 45.5<br>48.9 | 45.5<br>48.9 | 45.5<br>48.9 | 45.6         |
| ≥ 9000             |     | 20.6         | 25.6<br>26.7 | 30.2<br>31.6 | 36.0<br>37.6 | 40.4         | 42.2         | 45.8<br>47.5 | 47.1<br>48.7 | 49.8<br>51.5 | 51.1<br>52.7 | 51.3<br>52.9 | 51.6<br>53.2 | 51.6<br>53.2 | 51.6<br>53.2 | 51.7<br>53.3 |
| ≥ 8000<br>≥ 7000   |     | 22.8         | 27.9         | 32.7         | 39.0<br>40.7 | 42.0         | 45.5         | 49.5<br>51.3 | 50.8<br>52.5 | 53.6<br>55.4 | 54.9<br>56.7 | 55.1<br>56.9 | 55.4<br>57.3 | 55.4<br>57.3 | 55.4<br>57.3 | 55.5<br>57.3 |
| ≥ 6000<br>≥ 5000   |     | 25.8         | 31.3<br>33.4 | 36.5<br>38.9 | 43.1<br>45.8 | 49.0         | 50.0<br>52.9 | 54.0<br>56.9 | 55.2<br>58.2 | 58.3<br>61.3 | 59.6<br>62.7 | 59.8<br>63.0 | 60.1<br>63.3 | 60.1<br>63.3 | 60.1<br>63.3 | 63.3         |
| ≥ 4500<br>≥ 4000   |     | 28.9         | 34.7<br>37.0 |              | 47.7<br>50.8 | 50.9<br>54.1 | 54.9<br>58.6 | 59.1<br>63.0 | 64.4         | 63.5         | 64.9<br>69.1 | 69.3         | 65.4<br>69.7 | 65.4         | 65.4         | 65.5         |
| ≥ 3500<br>≥ 3000   |     | 32.9         | 39.4<br>41.9 | 45.9<br>48.7 | 53.7<br>56.9 | 57.0<br>60.2 | 61.5         | 69.9         | 67.4<br>71.3 | 70.7<br>74.6 | 72.1<br>76.1 | 72.4         | 72.8<br>76.7 | 72.8<br>76.7 | 72.8<br>76.7 | 72.8<br>76.8 |
| ≥ 2500<br>≥ 2000   |     | 36.9<br>38.1 | 43.9         | 1            | 59.4<br>61.6 | 62.9         | 70.3         | 72.7<br>75.5 | 74.1<br>76.9 | 77.5<br>80.5 | 78.9<br>82.0 | 79.2<br>82.3 | 79.6<br>82.7 | 79.6<br>82.7 | 79.6<br>82.7 | 79.6<br>82.8 |
| ≥ 1800<br>≥ 1500   |     | 38.2         |              |              | 61.9         | 67.6         | 70.7<br>73.0 | 75.9         | 77.3<br>79.6 | 80.9<br>83.2 | 82.4<br>84.8 | 82.7<br>85.1 | 83.2<br>85.6 | 85.6         | 83.2         | 83.3         |
| ≥ 1200<br>≥ 1000   |     | 39.7<br>40.4 | 48.6         | 57.1         | 65.9         | 69.8         | 75.6         | 80.9         | 82.3<br>84.4 | 86.1<br>86.2 | 87.8<br>89.9 |              | 88.7<br>90.8 | 90.9         | 88.8<br>90.9 | 91.0         |
| ≥ 900<br>≥ 800     |     | 40.4         | 49.4         | 57.4<br>58.1 | 68.4         | 71.6<br>72.5 | 77.9<br>78.9 | 84.4         | 84.9<br>85.9 | 88.7<br>89.8 | 90.4<br>91.5 | 91.9         | 91.4<br>92.5 | 92.7         | 91.4         | 91.5         |
| 2 700<br>2 600     |     | 40.8         | 50.1         | 58.4<br>59.3 | 68.8         | 73.0<br>74.2 | 79.3<br>80.6 | 85.0<br>86.9 | 86.6<br>88.4 | 90.7         | 92.4         | 94.9         | 93.4         | 95.8         | 93.8<br>95.8 | 93.8         |
| ≥ 500<br>≥ 400     |     | 41.0         | 50.3         | 59.6<br>59.6 | 70.3         | 74.6         | 81.2         | 87.7         | 89.3<br>89.8 | 93.8<br>94.4 | 95.6         | 96.7         | 96.7         | 97.8         | 97.8         | 97.8         |
| 2 300              |     | 41.0         | 50.3         | 59.6         | 70.3         | 74.7         | 81.5         |              | 90.4         | 95.0<br>95.2 | 97.5         | 97.9         | 98.8         |              | 99.5         | 98.8         |
| ≥ 100              |     | 41.0         |              |              | 70.3         | 74.7<br>74.7 | 81.6         |              |              | 95.2<br>95.2 |              | 97.9<br>97.9 | 98.8<br>98.8 |              |              | 99.7         |

TOTAL NUMBER OF OBSERVATIONS

1296

USAF ETAC 101 04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TUKYU JAP JAPAN/HUNSHU

47-60,71-72

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |      |                      |      |                      |                      |                      | VIS                  | IBILITY ST. | ATUTE MIL            | ES                   |      |                      |                      |              |                      |                      |
|----------------------------|------|----------------------|------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|----------------------|------|----------------------|----------------------|--------------|----------------------|----------------------|
| FEET                       | ≥ 10 | ≥6                   | ≥5   | ≥ 4                  | ≥3                   | ≥2 ,                 | ≥2                   | ≥1,         | ≥1 .                 | ≥1                   | ≥ 14 | ≥`•                  | ≥ ,                  | ≥5 16        | ≥ .                  | ≥0                   |
| NO CEILING<br>≥ 20000      |      | 30.0                 | 32.7 | 36.0<br>42.6         |                      | 39.7                 | 40.8<br>48.0         |             |                      | 42.6                 |      | 42.9<br>50.7         | 42.9                 |              | 42.9<br>50.7         | 42.9<br>50.7         |
| ≥ 18000<br>≥ 16000         |      | 35.6<br>36.0         |      | 43.2                 | 46.9                 | 47.5<br>48.0         | 45.7                 | •           | 50.5<br>51.0         | 51.0<br>51.6         |      | 51.4<br>52.0         | 51.4<br>52.0         |              | 51.4<br>52.0         | 51.4<br>52.0         |
| ≥ 14300<br>≥ 2000          |      | 37.0<br>38.5         | 42.8 | 45.1<br>47.3         | 48.8                 | 49.4<br>52.0         | 50.8<br>53.4         | 55.2        | 52.6<br>55.4         | 53.1<br>55.9         |      | 53.5<br>56.4         | 53.5<br>56.4         | 56.4         | 53.5<br>56.4         | 53.5<br>56.4         |
| ≥ 10000<br>≥ 9000          |      | 40.9                 | 46.1 | 50.2<br>50.8         | 54.3<br>55.0         | 55.1<br>55.9         | 50.6<br>57.4         | 59.2        | 59.4                 | 59.2<br>59.9         | 60.3 |                      | 59.7<br>60.5         | 60.5         | 59.7<br>60.5         | 59.7<br>60.5         |
| ≥ 8000<br>≥ 7000<br>≥ 6000 |      | 44.0                 | 43.7 | 52.3<br>53.9         |                      | 57.9<br>59.5         | 61.2                 | 63.0        | 61.6                 | 62.1                 | 64.7 |                      | 62.7<br>64.8         |              | 62.7                 | 62.7<br>64.8         |
| ≥ 5000<br>≥ 5000<br>≥ 4500 |      | 45.7<br>47.5         | 52.4 | 56.1<br>56.2<br>60.1 | 50.7<br>53.0<br>65.1 | 62.0<br>64.3         | 63.9<br>66.5<br>69.0 | 40.4        | 66.1<br>68.9<br>71.3 | 66.9<br>69.7<br>72.1 |      | 67.5<br>70.3<br>72.7 | 67.5<br>70.3<br>72.7 | 70.3         | 67.5<br>70.3<br>72.7 | 67.5<br>70.3<br>72.7 |
| ≥ 4000<br>≥ 3500           |      | 50.8                 | 56.1 | 62.4                 | 67.6                 | 69.0                 | 71.6                 | 73.4        | 73.9                 | 74.8                 | 75.2 | 73.4                 | 75.4                 | 75.4         | 75.4                 |                      |
| ≥ 3000<br>≥ 2500           |      | 53.3                 | 58.9 | 65.6                 | 71.0                 | 72.8                 | 75.8<br>77.9         | 77.9        | 78.4                 | 79.3                 | 79.8 |                      |                      | 79.9         | 79.9                 | 79.9                 |
| ≥ 2000<br>≥ 1800           |      | 55.1                 | 61.3 | 68.7                 | 74.7                 | 76.6<br>76.9         | 79.9<br>80.2         | 82.5        | 83.1                 | 84.3                 | 84.8 | 84.9                 | 85.4                 | 85.0         |                      | 85.C                 |
| ≥ 1500<br>≥ 1200           |      | 56.5                 | 64.1 | 70.7                 | 77.3                 | 79.5<br>81.1         | 83.0<br>85.0         |             | 86.4                 | 90.0                 | 88.2 | 88.4                 | 88.6<br>91.3         | 88.6         | 88.6<br>91.3         | 88.6<br>91.3         |
| ≥ 1000<br>≥ 900<br>≥ 800   |      | 57.9                 | 65.  | 73.3                 |                      | 82.8<br>83.2         | 86.8<br>87.3         |             | 91.0                 | 92.2                 | 93.5 | 93.7                 | 94.2                 | 94.2         | 94.2                 |                      |
| ≥ 800<br>≥ 700<br>≥ 600    |      | 58.2                 | 66.0 | 74.4                 |                      | 84.6<br>84.6         | 88.7                 |             |                      |                      | 95.4 | 94.8                 | 95.2<br>96.1         | 95.2<br>96.1 | 95.2                 | 96.2                 |
| ≥ 500<br>≥ 400             |      | 58.5                 |      | 74.6                 |                      |                      | 90.4                 | 93.7        | 94.8                 | -                    |      | 98.3                 | 97.3                 |              | 98.9                 | 98.9                 |
| ≥ 300<br>≥ 200             |      | 58.5<br>58.5<br>58.5 | 66.6 | 75.1<br>75.1         | 83.1<br>83.1         | 85.9<br>86.1<br>86.1 | 90.7<br>91.0<br>91.0 |             |                      | 97.3<br>98.0<br>98.1 |      | 99.4                 | 99.2<br>99.8<br>99.9 | 99.8         |                      | 99.9                 |
| ≥ 100<br>≥ C               |      | 58.5                 | 66.6 | 75.1                 |                      |                      |                      | 94.4        | 95.5                 |                      |      | 99.5                 | 99.9                 | 99.9         | 100.0                | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1305

USAF ETAC 17164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYU TAP JAPAN/ SHU 47-60:71-72

ADR MONTA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1 100

| CEILING       |     |                      |      |       |      |      | VIS  | IBILITY ST | ATUTE MIL | ES.   |      |      |      |        |       |         |
|---------------|-----|----------------------|------|-------|------|------|------|------------|-----------|-------|------|------|------|--------|-------|---------|
| 1661          | ≥10 | ≥6                   | ≥ 5  | ≥ 4   | ≥3   | ≥2.  | ≥ ?  | ≥1.        | ≥1 ,      | ≥1    | ≥ ′4 | ≥ .* | ≥ .  | ≥ 5 16 | ≱ +   | ≥0      |
| NO (EILIPE)   |     | 38.5                 | 39.5 | 40.1  | 40.6 | 40.7 | 40.7 | 40.8       | 40.8      | 40.8  | 40.8 | 40.8 | 40.8 | 40.8   | 40.8  | 40.8    |
| ≥ 20000       |     | 49.1                 | 50.6 | 51.5  | 52.3 |      | 52.4 |            |           | 52.5  | 52,5 | 52,5 | 52.5 | 52.5   |       |         |
| ≥ 18000       |     | 50.0                 | 51.5 | 52.4  | 53.3 | 53.4 | 53.5 | 53.6       | 53.6      | 53.6  | 53.6 | 53.6 | 53.6 | 53.6   | F4.6  | 53.6    |
| 1 ≥ 16000     |     | 50.2                 | 51.8 | 52.7  | 53.5 | 53.6 | 53.7 | 53.8       | 53.8      | 53.8  | 53.8 | 53.8 | 53.8 | 53.5   | 53.8  | 53.8    |
| ≥ 14000       |     | 51.3                 | 52.9 | 53.8  | 54.7 | 54.8 | 55.0 | 55.1       | 55.1      | 55.1  | 55.1 | 55.1 | 55.1 | 55.1   | 55.1  | 55.1    |
| ≥ 120%        |     | 53.2                 | 55.3 | 56.3  | 57.5 | 57.7 | 57.9 | 58.0       | 58.C      | 58.0  | 58.0 | 58.0 | 58.0 | 58.0   | 58.0  | 58.0    |
| ≥ 10000       |     | 56.2                 | 58.4 | 59.6  | 50.8 | 61.1 | 61.4 | 61.4       | 61.4      | 61.4  | 61.4 | 61.4 | 61.4 | 61.4   | 61.4  | 61.4    |
| ≥ 9000        |     | 56.6                 | 58.8 | 60.2  | 61.4 | 61.7 | 62.0 | 62.0       | 62.0      | 62.0  | 62.0 | 62.C | 62.0 | 62.0   | 62.0  | 62.0    |
| ≥ 8000        |     | 58.1                 | 60.6 | 62.0  | 63.3 | 63.6 | 63.9 | 63.9       | 63.9      | 63.9  | 63.9 | 63.9 | 63.9 | 63.9   | 53.9  | 63.9    |
| ≥ 7000        |     | 59.8                 | 62.7 | 54.3  | 65.9 | 66.2 | 66.5 | 66.7       |           | 66.7  | 66.7 |      | 65.7 | 66.7   | 66.7  | 66.7    |
| ≥ 6000        |     | 61.8                 | 64.7 | 66.5  | 68.4 | 68.7 | 69.0 |            | 69.1      | ر 9.1 | 69.1 | 69.1 | 69.1 | 69.1   | 69.1  | 69.1    |
| ≥ 5000        |     | 64.6                 | 67.7 | 69.5  | 71.4 | 71.7 | 72.0 | 72.2       | 72.2      | 72.3  | 72.3 | 72.3 | -    | 72.3   |       |         |
| ≥ 4500        |     | 65,5                 | 68.7 | 70.5  | 72.4 | 72.7 | 73.2 | 73.5       | 73.5      | 73.6  | 73.6 | 73.6 | 73.6 | 75.6   | 73.6  | 73.6    |
| ≥ 4000        |     | 69.1                 |      | 74.4  | 76.4 | 76.8 | 77.4 | 77.6       |           | 77.7  | 77.7 |      |      | 77.7   |       |         |
| ≥ 3500        |     | 70.4                 | 73.0 | 76.0  | 78.1 | 78.5 | 79.2 | 79.5       | 79.5      | 79.6  | 79.6 | 79.6 | 79.6 | 79.6   | 79.6  |         |
| ≥ 3000        |     | 72.1                 | 75.7 | 78.3  | 80.5 | 80.9 | 81.6 | 81.9       | 81.9      | 82.0  | 82.0 | 82.0 | 82.0 | 82.0   |       | 1       |
| ≥ 2500        |     | 73.8                 | 77.5 | 30.3  | 82.6 | 83.1 | 83.9 | 84.2       | 84.2      | 84.4  | 84.4 | 84.4 | 84.4 | 84.4   |       | 84.4    |
| <b>≥ 2000</b> |     | 75.4                 | 79.5 | 32.5  | 85.1 | 85.8 |      |            | 87.1      | 87.3  | 87.4 | 87.4 | 87.4 | 87.4   |       | 1 1 1 1 |
| ≥ 1800        |     | 75.7                 | 79.9 | 32.9  | 85.7 | 86.4 | 87.3 | 87.7       | 87.7      | 88.0  | 88.2 | 88.3 | 88.3 |        | 88.3  |         |
| ≥ 1500        |     | 76.3                 | 80.8 |       | 87.0 | 87.9 |      | 89.7       | 89.9      | 96.2  | 90.5 | 90.5 | 90.7 | 90.7   |       |         |
| ≥ 1200        |     | 76.8                 | 81.3 | 35.1  | 88.2 |      | 90.5 |            | 91.6      | 92.1  | 92.5 | 92.5 | 92.7 | 92.7   | 92.7  | 92.7    |
| ≥ 1000        |     | 77.1                 | 82.1 | 36.0  |      |      | 92.0 |            |           | 93.8  | 94.2 | 94.4 | 94.6 | 94.6   |       |         |
| ≥ 900         |     | 77.2                 | 82.4 |       | 89.9 |      | 92.9 |            | 94.1      | 94.7  |      | 95.3 | 95.5 | 95.5   |       |         |
| ≥ 800         |     | 77.6                 |      | 117.6 |      | 92.5 | 94.2 | 95.2       | 95.4      | 96.0  | 96.4 | 96.6 |      |        |       |         |
| 2 700         |     | 77.6                 | 83.1 |       | 91.7 |      | 94.7 |            | 96.0      |       |      | 97.3 | 97.6 | 97.6   |       |         |
| ≥ 600         |     | 77.7                 | 33.2 | 88.0  |      | 93.8 |      | 96.8       | 97.0      |       |      | 98.3 |      |        | 98.6  |         |
| 2 500         |     | 77.7                 | 03.2 | 88.0  |      |      | 95.9 | 97.1       | 97.3      | 98.4  |      | 99.0 | 99.4 |        |       |         |
| 2 400         |     | 77.7                 | 83.2 | 58.0  |      |      | 95.9 | 97.1       | 97.3      | 95.6  |      | 99.2 |      | 99.7   | 99.3  |         |
| ± 300         |     | 77.7                 | 83.2 |       |      |      | 93.9 | 97.1       | 97.3      |       |      |      | 99.8 | 99.3   |       |         |
| 2 200         |     | 77.7                 |      |       |      |      | 95.9 | 97.1       | 97.3      |       | 99.2 | 99.4 | 99.8 | -      | 100.0 |         |
| > 100         |     | 7.7                  |      |       |      |      |      |            |           |       |      |      |      |        |       |         |
| ≥ 100         |     | 7 . 7                | , .  |       |      |      |      |            |           | 98.8  |      |      |      |        | 100.0 |         |
|               |     | 1 <u>- 1 - 1 - 1</u> | 83.2 | 88.0  | 92.6 | 94.1 | 43.4 | 97.1       | 97.3      | 96.0  | 99.2 | 99.4 | 99.8 | 44.4   | 100.0 | 100.0   |

TOTAL NUMBER OF OBSERVATIONS

1312

0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYI TAP JAPAN/HUNSHU 47-69,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150001700

| CEILING               |          |              |              |              |              |                  | VIS          | BILITY (ST.  | ATUTE MIL    | E\$          |              |              |              |              |              |              |
|-----------------------|----------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10      | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2'2             | ≥?           | ≥1 ≀         | ≥1.          | ≥1           | ≥ 14         | ≥'•          | ≥ ,          | ≥5 16        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |          | 36,6<br>46,9 | 37.5<br>48.1 | 38.0<br>48.8 |              | 38.5<br>49.3     | 38.5<br>49.3 | 38.7<br>49.5 | 38.8<br>49.6 | 38.8<br>49.6 |              | 38.8<br>49.6 | 38.8<br>49.6 | 38.8         |              |              |
| ≥ 18000<br>≥ 16000    |          | 48.3         | 49.6         | 50.3<br>51.2 | 50.7<br>51.6 | 50.7<br>51.6     | 50.8<br>51.7 | 51.0<br>51.9 | 51.0<br>52.0 | 51.0<br>52.0 | 51.0<br>52.0 | 51.0<br>52.0 | 51.0<br>52.0 | 51.0<br>52.0 | 51.0<br>52.0 | 51.1<br>52.0 |
| ≥ 14000<br>≥ 12000    |          | 50.8<br>53.3 | 52.3<br>54.9 | 53.1<br>55.8 | 53.5<br>56.2 | 53.6<br>56.2     | 53.6<br>56.3 | 53.8<br>56.5 | 53.9<br>56.6 | 53.9<br>56.6 | 53.9<br>56.6 | 53.9<br>56.6 | 53.9<br>56.6 | 53.9<br>56.6 | 53.9<br>56.6 | 53.9<br>56.6 |
| ≥ 10000<br>≥ 9000     |          | 55.8<br>56.7 | 57.5<br>58.5 | 58.5<br>39.4 | 59.0<br>59.9 | 59.1<br>60.0     | 59.2<br>60.2 | 59°5         | 59.5<br>60.5 | 59.5<br>60.5 | 59.5         | 59.5<br>60.5 | 59.5         | 59.5         | 59.5<br>60.5 | 59.6         |
| ≥ 8000<br>≥ 7000      |          | 58.9         | 61.0<br>63.1 | 62.3         | 62.8         | 63 • 1<br>65 • 4 | 63.2<br>65.6 |              | 63.5<br>65.9 | 63.5<br>65.9 | 63.5         | 63.5         | 63.5         | 63,5         | 63.5         | 63.6         |
| ≥ 6000<br>≥ 5000      |          | 62.8         | 65.0         | 70.1         | 67.3<br>70.9 | 67.5<br>71.1     | 67.7<br>71.3 | 67.9<br>71.5 | 68.0<br>71.6 | 68.0<br>71.6 | 68.0         | 68.0         | 68.0         | 68.0         | 68.0         | 68.0<br>71.6 |
| ≥ 4500<br>≥ 4000      |          | 70.7         | 69.5<br>73.1 | 71.3<br>75.0 | 72.2         | 72.5<br>76.2     | 72,7<br>76.4 | 73.0<br>76.6 | 73.0<br>76.8 | 73.0<br>76.8 | 73.0<br>76.8 | 73.0<br>76.8 | 73.0         | 73.0<br>76.8 | 73.0         | 73.1<br>76.9 |
| ≥ 3500<br>≥ 3000      |          | 73.0<br>75.3 | 75.7<br>78.1 | 77.6         | 78.5         | 78.9<br>81.8     | 79.2<br>82.1 | 79.5<br>82.5 | 79.6<br>82.6 | 79.6<br>82.6 | 79.7<br>82.8 | 79.7<br>82.8 | 79.7<br>82.8 | 79.7<br>82.8 | 79.7<br>82.8 | 79.8<br>82.6 |
| ≥ 2500<br>≥ 2000      |          | 77.1<br>78.2 | 81.1         | 83.8         | 83.6<br>85.1 | 84.1<br>85.7     | 84.4         | 84.8<br>86.4 | 84.9<br>86.5 | 85.0<br>86.6 | 85.3<br>86.9 | 85.3<br>87.0 | 85.3<br>87.0 | 85.3<br>87.0 | 85.3<br>87.0 | 85.4         |
| ≥ 1800<br>≥ 1500      |          | 78.3<br>79.2 | 81.3<br>82.1 | 84.0<br>85.0 |              | 85.8<br>87.0     | 86.1<br>87.5 | 86.5<br>88.0 | 86.7<br>88.3 | 86.7<br>88.4 | 87.0<br>88.7 | 87.1<br>88.8 | 87.1<br>88.9 | 87.1<br>88.9 | 87.1<br>88.9 | 87.2<br>89.0 |
| ≥ 1200<br>≥ 1000      |          | 80.1         | 92.8         | 86.4         | 87.5<br>88.4 | 88.4             | 89.0<br>90.0 | 90.7         | 89.8<br>91.0 | 90.0         | 92.0         | 90.6         | 90.7<br>92.2 | 90.7         | 90.7         | 90.7         |
| ≥ 900<br>≥ 800        |          | 80.3         | 84.0         | 87.6         |              |                  | 91.2         |              | 92.4<br>93.3 | 92.9         | 93.6         | 93.6         | 93.7         | 93.7         | 93.7         | 93.8         |
| ≥ 700<br>≥ 600        |          | 80.9         | 84.6         | 88.7         | 90.8         | 91.9             | 93.0<br>93.8 | 95.1         | 94.6<br>95.7 | 95.2<br>96.6 | 96.2<br>97.5 | 96.3<br>97.6 | 97.7         | 96.4<br>97.7 | 96.4         | 96.5         |
| ≥ 500<br>≥ 400        | <u> </u> | 81.1         | 85·1<br>85·2 | 89.1         | 92.0<br>92.2 | 93.5             | 94.6<br>95.2 | 95.9         | 96.6         | 97.5<br>98.4 | 99.5         | 98.5         | 98.6         | 98.6<br>99.6 | 98.6         | 99.7         |
| ≥ 300<br>≥ 200        |          | 81.1         | 85.3<br>85.3 | 89.3         | 92.3         | 93.6<br>93.6     | 95.2<br>95.2 |              | 97.4         | 98.5<br>98.5 |              | 99.8<br>99.8 | 99.8         |              | 99.8         | 99.9         |
| ≥ 100<br>≥ 0          |          | 81.1         | 85.3<br>85.3 | 89.3         | 92.3<br>92.3 | 93.6             | 95.3<br>95.3 | 96.9<br>96.9 | 97.5<br>97.5 | 98.6<br>98.6 | 99.8         |              | 99.9         |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1305

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

TOKYC 1AP JAPAN/HUNSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING               |     |              |              | -            |              | <del>-</del> | VIS          | BHITY ST     | ATUTE MIL    | ES,          |              |              |              |              |                |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2'-         | ≥ 2          | ≥1'-         | ≥114         | 21           | ≥ 34         | ≥',          | ≥ 2          | ≥5 16        | ≥ .            | ≥0           |
| NO CEILING<br>≥ 20000 |     | 34.4         | 35.9         | 37.0         | 37.8<br>45.8 | 38.0<br>46.0 | 38.2         | 38.3         | 36.3         | 38.3<br>46.3 | 38.4<br>46.5 | 38.4         | 38.4         | 38.4         | 38.4           | 38.4         |
| ≥ 18000<br>≥ 16000    |     | 42.4<br>43.1 | 44.1         | 45.3         | 46.2         | 46.4         | 46.6         | 46.7         | 46.7         | 46.7         | 46.9         | 46.9         | 46.9         | 46.9<br>47.7 | 46.9           | 46.9         |
| ≥ 14000<br>≥ 12000    |     | 45.8         | 47.5         | 48.8         | 49.7         | 50.0<br>52.2 | 50.2<br>52.3 | 50.2<br>52.5 | 50.2<br>52.5 | 50.3         | 50.5<br>52.7 | 50.5<br>52.7 | 50.5<br>52.7 | 50.5<br>52.7 | 50.5<br>52.7   | 50.5<br>52.7 |
| ≥ 10000<br>≥ 9000     |     | 50.1         | 51.9<br>52.9 | 53.4         | 54.4         | 54.7<br>55.8 | 55.0<br>56.1 | 55.1<br>56.3 | 55.1<br>56.3 | 55.2<br>56.4 | 55.4<br>56.5 | 55.4<br>56.5 | 55.4<br>56.5 | 55.4         | 55.4<br>56.5   | 55.4<br>56.5 |
| ≥ 8000<br>≥ 7000      |     | 53.2         | 55.2<br>58.5 | 57.0<br>60.3 | 58.0         | 58.5<br>61.8 | 58.8<br>62.2 | 59.0<br>62.4 | 59.0         | 59.1<br>62.6 | 59.3<br>62.8 | 59.3<br>62.8 | 59.3         | 59.3         | 59.3<br>62.8   | 59.3         |
| ≥ 6000<br>≥ 5000      |     | 58.6         | 60.9         | 62.7         | 63.8         | 64.2<br>68.4 | 64.6<br>68.9 | 64.9         | 64.9         | 69.4         | 65.2         | 65.2         | 65.2         | 65.2         | 65.2           | 65.2         |
| ≥ 4500<br>≥ 4000      |     | 63,8         | 70.2         | 68.2<br>72.3 | 69.3         | 69.9<br>74.0 | 70.4         | 70.7         | 70.7         | 70.8<br>75.0 | 71.0<br>75.2 | 71.0<br>75.2 | 71.0<br>75.2 | 71.1<br>75.3 | 71.1<br>75.3   | 71.1         |
| ≥ 3500<br>≥ 3000      |     | 70.8         | 73.6<br>76.7 | 75.7<br>78.9 | 76.7<br>80.0 | 77.4<br>80.8 | 77.8<br>81.3 | 78.2<br>81.7 | 78.2<br>81.7 | 78.4<br>81.9 | 78.5<br>82.0 | 78.5<br>82.0 | 78.5<br>62.0 | 78.6<br>82.1 | 78.6<br>82.1   | 78.6<br>62.1 |
| ≥ 2500<br>≥ 2000      |     | 76.0<br>77.9 | 80.9         | 81.2<br>83.2 | 84.5         | 83.1<br>85.4 | 83.7         |              | 84.1         | 84.3<br>86.6 | 84.4         |              | 86.8         | 84.5<br>86.9 | 84.5           | 84.5         |
| ≥ 1800<br>≥ 1500      |     | 78.2         | 82.5         | 83.7         |              | 86.2<br>87.7 | 86.9         | 89.0         |              | 87.5<br>89.1 | 87.6<br>89.3 | 89.3         | 87.6<br>89.5 | 87.7<br>89.6 | 87.7<br>89.6   | 89.6         |
| ≥ 1200                |     | 80.1         | 83.5         | 85.8<br>86.9 |              | 89.0<br>90.5 | 51.4         | 90.3         | 91.9         | 90.4         | 90.6         | 92.3         | 91.0<br>92.7 | 91.1<br>92.8 | 91.1           | 91.1         |
| ≥ 900<br>≥ 800        |     | 81.1         |              | W. X. E. E.  | 91.1         | 91.4<br>92.5 | 92.3         | 92.8         | 92.8         | 93.1         | 93.2         | 93.2         | 93.7         | 93.8         |                | 95.0         |
| ≥ 700<br>≥ 600        |     | 81.9         | 86.2         | 89.0         | 92.5         | 93.4         | 94.6         | 95.2         | 95.3         | 95.6         | 95.7<br>97.0 | 97.0         |              |              |                | 97.5         |
| ≥ 500<br>≥ 400        |     | 82.2         | 86.6         |              | 93.4         | 94.4         |              |              | 97.9         | 98.0<br>98.5 | 98.2         | 98.9         |              | 98.8         | 99.5           | 99.5         |
| ≥ 30C<br>≥ 200        |     | 82.4         | 86.6         | 89.9         | 93.5         | 95.0         |              | 97.6         | 98.0<br>98.1 | 98.8         | 99.1         | 99.3         | 99.7         |              | 99.9           | 99,9         |
| ≥ 100<br>≥ 0          |     | 82.4         | •            |              |              | 95.0<br>95.0 |              |              |              | 98.8<br>98.8 |              |              |              |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS

1286

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HUNSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |     |              |              |              |      |              | VIS          | IBILITY IST | ATUTE MIL    | ES           |      |              |              |              |                      |                      |
|-----------------------|-----|--------------|--------------|--------------|------|--------------|--------------|-------------|--------------|--------------|------|--------------|--------------|--------------|----------------------|----------------------|
| FEET.                 | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3  | ≥2'2         | ≥ 2          | ≥1,³        | ≥1'₄         | ≥1           | ≥ 34 | ≥'•          | ≥ ,          | ≥ 5 16       | ≥ 4                  | ≥0                   |
| NO CEILING<br>≥ 20000 |     | 35.5<br>41.3 | 36.6<br>42.7 | 37.9<br>44.0 | 39.0 | 39.1         | 39°.7        | 39.8        | 40.0         | 40.5         | 40.5 |              |              | 40.5         |                      |                      |
| ≥ 18000<br>≥ 16000    |     | 42.2<br>42.8 | 43.5         | 44.9         | 46.1 | 46.3         | 46.9         | 47.1        | 47.2         | 47.7         | 47.8 | 47.8         | 47.8         | 47.8         | 47.8                 |                      |
| ≥ 14000<br>≥ 12000    |     | 45.1<br>47.6 | 46.5         | 47.8<br>50.5 |      | 49.4         | 50.0         | 50.2        | 50.4         | 50.8<br>53.6 | 50.9 | 50.9         | 50.9         | 50.9         | 50.9<br>53.7         |                      |
| ≥ 10000<br>≥ 9000     |     | 50.0<br>50.8 | 51.5<br>52.2 | 53.0         | 54.5 | 54.7         | 55.3<br>56.2 | 55.5        | 55.7<br>56.6 | 50.2<br>57.1 | 56.2 | 56.2         | 56.2         | 56.2         | 56.2                 | 56.4                 |
| ≥ 8000<br>≥ 7000      |     | 53.4<br>57.0 | 55.1<br>58.8 | 56.7         | 58.2 | 58.5         | 59.1         | 59.4        | 59.5         |              | 60.1 | 60.1         | 60.1         | 60.1         | 60.1                 | 60.2                 |
| ≥ 6000<br>≥ 5000      |     | 59.5         | 61.5         |              | 64.9 | 65.2         | 65.9         | 69.5        | 66.4         | 66.8         | 66.9 | 66.9         | 66.9         | 67.1         | 67.1                 | 64.4<br>67.2<br>70.5 |
| ≥ 4500<br>≥ 4000      |     | 64.9         | 66.9         | 68.8         | 70.4 | 70.7         | 71.5         | 71.8        | 71.9         | 72.4<br>76.1 | 72.5 | 72.5         | 72.5         | 72.6         | 72.6                 | 72.8                 |
| ≥ 3500<br>≥ 3000      |     | 70.7         | 73·1<br>76·1 | 75.0         | 76.5 | 76.9         | 77.7         | 78.0        | 78.2         | 78.7         | 78.7 | 78.7<br>82.0 | 76.2<br>78.7 | 78.9         | 76.3<br>78.9<br>82.1 | 79.1                 |
| ≥ 2500<br>≥ 2000      |     | 75.5<br>78.1 | 78.0<br>80.8 | 80.0         |      | 82.0<br>84.8 | 82.9         | 83.2        | 83.4         | 83.9<br>86.9 | 84.0 | 84.0<br>87.0 | 84.0         | 84.2         | 84.2<br>87.1         | 82.4<br>84.4<br>87.4 |
| ≥ 1800<br>≥ 1500      |     | 78.7<br>79.6 | 81.6         | 83.5         | 85.3 | 85.8         | 87.0         | 87.3        | 87.5         | 88.1<br>90.0 | 88.2 | 88.2         | 88.2         | 88.3         | 88.3                 | 88.5<br>90.6         |
| ≥ 1200<br>≥ 1000      |     | 81.1<br>82.1 | 84.3<br>85.5 | 86.5         | 88.6 | 89.3         | 90.7         | 91.1        | 91.2         | 91.9         | 92.0 | 92.0         | 92.2         | 92.3         | 92.3                 | 92.5                 |
| ≥ 900<br>≥ 800        |     | 82.6<br>83.4 |              | 88.9         | 91.2 | 92.1         | 93.6         | 93.9        | 94.0         | 94.7         | 94.8 | 94.8         | 95.1<br>96.2 | 95.2<br>96.3 | 95.2                 | 95.5                 |
| ≥ 700<br>≥ 600        |     | 83.7         | 87.5         | 90.4         | 92.8 | 93.6         | 95.1         | 95.5        | 1.3.6        | 96.4         | 96.5 | 96.5         | 96.7         | 96.9         | 96.9                 | 97.1                 |
| ≥ 500<br>≥ 400        |     | 84.3         | 88.2         | 91.1         | 93.8 | 94.7         | 96.5         | 97.0        | 97.3         | 98.0<br>98.6 | 98.1 | 98.1         | 98.4         | 98.5         | 98.5                 | 98.7                 |
| ≥ 300<br>≥ 200        |     | 84.5         | 88.5         | 91.4         | 94.4 | 95.4         | 97.1         | 97.7        | 98.0<br>98.3 | 99.0         | 99.1 | 99.1         | 99.3         | 99.5         | 99.5                 |                      |
| ≥ 100<br>≥ 0          |     | 84.7         | 88.6         | 91.5         | 94.5 | 95.5         | 97.3         | 98.0        | 98.3<br>98.3 | 99.3         | 99.4 | 99.4         | 99.6         | 99.8         | 99.8                 | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1275

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYL TAP JAPANAHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |      |              |              |              | VIS          | IBILITY (ST  | ATUTE MIL    | ES:          |              |              |              |              |              |      |
|-----------------------|-----|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|
| FEET                  | ≥10 | ≥6           | ≥5   | ≥4           | ≥3           | ≥2 2         | ≥ 2          | ≥1 ?         | ≥1.          | ≥۱           | ≥ 14         | ≥'*          | ≥ 2          | ≥ 5 16       | ≥ .          | ≥0   |
| NO CEILING<br>≥ 20000 |     | 29.4         | 31.7 | 34.3         | 36.4<br>45.5 | 37.0         | 38.2         | 38.7         | 38.7         | 39.3<br>48.5 | 39.6<br>48.8 |              | 39.7<br>48.9 | 39.7         | 39.7         | 39.7 |
| ≥ 18000<br>≥ 16000    |     | 38.4<br>39.7 | 40.9 | 43.8         | 46.7         | 47.1         | 48.4         | 48.9         | 48.9         | 49.5         | 49.8         |              | 49.8         | 49.8<br>50.2 | 49.8<br>50.2 | 49.8 |
| ≥ 14000<br>≥ 12000    |     | 41.8         | 44.4 | 47.4         | 50.0         | 50.8         | 52.1         | 52.6         | 52.6         | 53.2         | 53.5         | 53.5<br>58.1 |              | 53.5<br>58.1 | 53.5<br>58.1 |      |
| ≥ 10000<br>≥ 9000     |     | 48.5         | 51.2 | 54.3<br>56.2 | 56.9<br>58.8 | 57.8<br>59.7 | 59.1         | 59.5<br>61.4 | 59.6<br>61.5 | 60.1         | 60.4         | 60.5         | 60.5         | 60.5         | 60.5         | 60.5 |
| ≥ 8000<br>≥ 7000      |     | 51.5<br>54.1 | 56.9 | 57.5<br>60.1 | 60.1         | 61.0         | 62.2         | 62.7         | 62.8         | 63.3         | 66.4         | 63.7         | 65.7         | 63.7         | 63.7         | 4 4- |
| ≥ 6000<br>≥ 5000      |     | 56.2<br>58.9 | 59.1 | 62.5         | 65.2         | 66.1         | 67.4         | 67.9         | 68.1         | 68.6         | 66.9         | 69.0<br>71.8 | 69.0         | 69.0         |              |      |
| ≥ 4500<br>≥ 4000      |     | 59.7         | 52.7 | 66.2         | 68.9<br>71.5 | 69.8         | 71.1         | 71.6         |              | 72.3         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7 |
| ≥ 3500<br>≥ 3000      |     | 63.0         | 1    |              | 72.6         | 73.7         | 75.2         | 75.7         | 75.8<br>78.2 | 76.4         | 76.7         | 76.8         | 76.8         | 76.8         |              |      |
| ≥ 2500<br>≥ 2000      |     | 65.9         |      |              | 75.8         | 77.0<br>80.1 | 78.5         | 78.9         | 79.1         | 79.6         | 80.0         |              | 80.1         | 80.1<br>83.2 | 80.1<br>83.2 | 80.1 |
| ≥ 1800<br>≥ 1500      |     | 69.0         | 72.1 | 76.1         | 79.4         | 80.6         | 82.2         | 82.6         | 82.8         | 83.4         | 83.8         | 83.8<br>86.1 |              | 83.8         | 83.8         |      |
| ≥ 1200<br>≥ 1000      |     | 72.4         | 75.9 | 80.7         | 84.3         | 85.6         | 87.2         | 87.8<br>89.1 |              | 88.6         | 89.0         |              |              | 89.0<br>90.3 |              |      |
| ≥ 900<br>≥ 800        |     | 74.0<br>75.1 | 77.8 | 82.7         | 86.3         | 87.7         | 89.4         | 90.0         | 90.2         | 90.8         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         |      |
| ≥ 700<br>≥ 600        |     | 75.8<br>76.8 |      | 85.0<br>86.6 | 89.0         | 90.5         | 92.3         | 92.9         | 93.1         | 93.7         | 94.1         | 94.2         | 94.2         | 94.2         | 94.2         | 94.2 |
| ≥ 500<br>≥ 400        |     | 77.4         |      | 87.5<br>87.6 | 92.0<br>92.1 | 93.5         | 96.1         | 96.8         | 96.9         | 97.6         | 98.0         | 98.1         | 98.1         | 98.1         | 98.1<br>98.9 | 98.1 |
| ≥ 300<br>≥ 200        |     | 77.7         | 1    | 87.8<br>87.9 | 92.5         | 94.3         | 97.1<br>97.5 | 97.8         |              | 98.9         | 99.4         | 99.5         | 99.5         | 99.5         | 99.5         | 99.5 |
| ≥ 100<br>≥ 0          |     | 77.8         |      | 37.9<br>87.9 | 92.8         | 94.6         | 97.5<br>97.5 | 98.2<br>98.2 |              | 99.2<br>99.2 | 99.8         | 99.9         |              | 99.9         | 99.9<br>99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

1324

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

2

43311 TOKYU TAP JAPAN/HUNSHU 47-60,71-72

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEIUNG                | ·   |              |              | <b></b>      |              |              | VIS          | BILITY (STA  | ATUTE MILI   | ESı          |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 ≀         | ≥ 2          | ≥1';         | ≥1'4         | ≥1           | , ₹          | >,4          | ≥ '2         | ≥ 5 16       | ≥.           | ≥0            |
| NO CEILING<br>≥ 20000 |     | 21.2         | 23.1         | 26.1<br>33.4 | 28.9<br>36.7 | 29.8         | 30.9         | 33.0         | 33.1         | 33.9<br>43.3 | 34.1<br>43.6 | 34.2         | 34.3         | 34.3         | 34.3         | 34.5          |
| ≥ 18000<br>≥ 16000    |     | 27.9         | 30.3         | 34.1         | 37.4<br>37.6 | 38.5         | 40.3         | 43.1<br>43.3 | 43.2<br>43.4 | 44.3         | 44.9         | 44.7         | 44.8         | 44.9         | 44.9         | 45.1<br>45.3  |
| ≥ 14000<br>≥ 12000    |     | 30.6<br>33.6 | 33.2         | 37.2<br>40.5 | 40.7         | 41.8         | 43.7         | 46.4<br>50.1 | 46.6<br>50.3 | 47.6<br>51.3 | 48.0<br>51.7 | 48.1<br>51.8 | 48.2         | 48.2<br>51.9 | 48.2<br>51.9 | 48.5<br>52.1  |
| ≥ 10000<br>≥ 9000     |     | 36.7<br>38.3 | 39.7<br>41.4 | 44.0         | 47.7<br>49.6 | 48.8<br>50.7 | 50.8<br>52.7 | 53.6<br>55.5 | 53.9<br>55.8 | 55.0<br>56.9 | 55.4<br>57.3 | 55.4<br>57.4 | 55.5<br>57.5 | 55.6<br>57.6 | 55.6<br>57.6 | 55.8<br>57.8  |
| ≥ 8000<br>≥ 7000      |     | 39.7<br>41.8 | 42.7         | 47.1<br>49.4 | 51.2<br>53.4 | 52.3<br>54.5 | 54.4<br>56.8 | 57.3<br>59.7 | 57.6<br>60.0 | 58.8<br>61.2 | 59.1<br>61.6 | 59.2<br>61.7 | 59.3<br>61.8 | 59.4<br>61.8 | 59.4<br>61.8 | 59.6          |
| ≥ 6000<br>≥ 5000      |     | 43.4         | 46.5         | 51.1<br>53.7 | 55.2<br>57.9 | 56.3<br>59.1 | 58.6<br>61.4 | 61.6         | 62.0<br>64.8 | 63.1         | 63.6         | 63.6         | 63.7         | 66.6         | 63.8         | 64.0<br>66.8  |
| ≥ 4500<br>≥ 4000      | _   | 47.0         | 50.0<br>52.9 |              | 59.1         | 60.2         | 62.6         | 65.6<br>69.0 | 66.0         | 67.1<br>70.6 | 67.5         | 67.5         | 67.7<br>71.3 | 67.8<br>71.4 | 67.8<br>71.4 | 68.0<br>71.6  |
| ≥ 3500<br>≥ 3000      |     | 31.2         | 54.4         | 59.5<br>61.3 | 64.1<br>65.9 | 65.3<br>67.1 | 67.8         | 70.8<br>72.7 | 71.2<br>73.0 | 72.5<br>74.3 | 73.0         | 73.1<br>74.9 | 73.2<br>75.0 | 73.3<br>75.1 | 73.3<br>75.1 | 73.5          |
| ≥ 2500<br>≥ 2000      |     | 53.2         | 56.6<br>59.4 | 61.9         | 66.0         | 67.8<br>71.0 | 70.5         | 73.6<br>76.9 | 73.9         | 75.2<br>78.5 | 75.7<br>79.0 | 75.8<br>79.1 | 75.9         | 76.0<br>79.3 | 76.0<br>79.3 | 76.3<br>79.6  |
| ≥ 1800<br>≥ 1500      |     | 56.6         | 60.5         | 65.8<br>68.8 | 70.8         | 72.1         | 74.9         | 78.0<br>81.4 | 78.4<br>81.7 | 79.6<br>83.0 | 80.2<br>83.5 | 80.2<br>83.6 | 80.3<br>83.7 | 80.4<br>83.8 | 80.4<br>83.8 | 80.7          |
| ≥ 1200<br>≥ 1000      |     | 61.1         | 65.4         | 71.3         | 1 1 7 7 7    | 78.2<br>80.0 | 81.1<br>82.9 | 84,2<br>86.1 | 86.5         | 85.9<br>87.8 | 86.5<br>88.4 | 86.6<br>88.4 | 86.6         | 86.7<br>88.6 | 86.7<br>88.6 | 87.0<br>88.9  |
| ≥ 900<br>≥ 800        |     | 62.8         | 1            | 73.9         |              | 81.0<br>82.0 | 84.1<br>85.4 | 87.3<br>88.7 | 87.7<br>89.0 |              | 90.9         | 89.6<br>91.0 | 89.7<br>91.1 | 89.8<br>91.1 | 89.8<br>91.1 | 90.1<br>91.4  |
| ≥ 700<br>≥ 600        |     | 64.0         | 68.6         | 1            |              | 83.2<br>84.8 | 86.6<br>88.3 | 89.9<br>91.7 | 90.2         | 91.5<br>93.6 | 94.2         | 92.2<br>94.3 | 92.3         | 92.3         | 92.3         | 92.7<br>94.8  |
| ≥ 500<br>≥ 400        |     | 65.0         | 70.1         | 77.3         | 83.5<br>84.0 | 85.4         | 89.0<br>89.9 | 92.7<br>93.8 | 93.1         | 94.6<br>95.9 | 96.5         | 95.3         | 95.4<br>96.8 | 95.5         | 95.5<br>96.8 | 95.9<br>97.2  |
| ≥ 300<br>≥ 200        |     | 65.4         | 70.8         | 78.2         | 84.3         | 86.5<br>86.7 | 90.2         | 94.2         | 94.7<br>95.1 | 96.3<br>96.7 | 97.4         | 97.6         |              | 98.0         |              | 98.5          |
| ≥ 100<br>≥ 0          |     | 65.4         | 1            | 78.2         | 84.5         | 86.7<br>86.7 | 90.5         | 94.5         |              | 96.7<br>96.8 | 97.5         | 97.7         | 97.9<br>98.1 | 98.0<br>98.3 |              | 98.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1331

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TUKYU IAP JAPAN/HINSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |      |              |              |              |              | VIS          | BILITY STA   | ATUTE MIL    | ES:          |              |              |              |              |              |               |
|-----------------------|-----|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| (FEET)                | ≥10 | ≥6   | ≥ 5          | ≥4           | ≥ 3          | ≥2 2         | ≥ 2          | ≥1,          | ≥1 4         | ≥1           | ≥ ′₄         | ≥,*          | ≥ ,          | ≥5 16        | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 15.5 | 17.9<br>23.1 | 20.8<br>27.3 | 1            | 24.7<br>32.4 |              |              | 30.1<br>40.2 | 31.5<br>42.1 | 32.2<br>43.3 | 32.2<br>43.3 | 32.4<br>43.6 |              | 32.5<br>43.6 | 32.5<br>43.6  |
| ≥ 18000<br>≥ 16000    |     | 20.5 | 23.7         | 27.8         | 31.5         | 33.2         | 37.1<br>37.2 | 40.1<br>40.2 | 41.4         | 43.3         | 44.5         | 44.5         | 44.8         | 44.9         | 44.9         | 44.9          |
| ≥ 14000<br>≥ 12000    |     | 21.9 |              | 29.4         | 33.3         | 35.1<br>38.1 | 39.3<br>42.5 | 42.4<br>45.6 | 43.6         | 45.6<br>48.9 | 46.9<br>50.3 | 46.9<br>50.3 | 47.2<br>50.7 | 47.3<br>50.9 | 47.3<br>50.9 | 47.3<br>50.9  |
| ≥ 10000<br>≥ 9000     |     | 25.8 |              | 34.8         | 39.3<br>41.0 | 41.5         | 46.2         | 49.4<br>51.4 | 50.7<br>52.6 | 52.8<br>54.8 | 54.4<br>56.4 | 54.4<br>56.4 | 54.7<br>56.7 | 54.9<br>56.9 | 54.9<br>56.9 | 54.9<br>56.9  |
| ≥ 8000<br>≥ 7000      |     | 28.7 | 33.1         | 33.4         | 43.2         | 45.6         | 50.5         | 54.1<br>55.8 | 55.3<br>57.0 | 57.6<br>59.3 | 59.1<br>60.9 | 59.1<br>60.9 | 59.5<br>61.3 | 59.6<br>61.4 | 59.6<br>61.4 | 59.6<br>61.4  |
| ≥ 6000<br>≥ 5000      |     | 31.8 | 36.5<br>38.4 | 41.9         | 47.0         | 49.4         | 54.5<br>57.4 | 58,4         | 59.7<br>62.6 | 62.0         | 63.6         | 63.7         | 64.1         | 64.3         | 64.3         | 67.4          |
| ≥ 4500<br>≥ 4000      |     | 34.5 | 39.7         | 45.4         | 50.7<br>53.8 | 53.4<br>56.7 | 58.8         | 66.6         | 64.1         | 66.4<br>70.5 | 68.2<br>72.5 | 68.3         | 68.7<br>73.0 | 68.9<br>73.2 | 68.9<br>73.2 | 69.0<br>73.3  |
| ≥ 3500<br>≥ 3000      |     | 38.3 | 43.9         | 49.9         | 55.7<br>57.7 | 56.6<br>60.6 | 64.6         | 69.0<br>71.0 | 70.4         | 72.9         | 75.0<br>77.1 | 75.1         | 75.5         | 75.7         | 75.7         | 75.7<br>78.0  |
| ≥ 2500<br>≥ 2000      |     | 40.1 | 46.3         | 52.9<br>54.8 | 59.1<br>61.3 | 62.1         | 68.3         | 72.7         | 74.2         | 76.8<br>79.9 | 78.9<br>82.1 | 78.9<br>82.1 | 79.4<br>82.7 | 79.6<br>82.8 | 79.6<br>82.8 | 79.7<br>82.9  |
| ≥ 1800<br>≥ 1500      |     | 41.8 |              | 55.5<br>56.6 | 1 1 1 1      | 65.2         | 71.7         | 76.5<br>78.6 | 78.0         | 80.8         | 82.9<br>85.1 | 83.0         | 83.5<br>85.7 | 83.7         | 83.7         | 83.8<br>85.9  |
| ≥ 1200                |     | 43.1 | 49.9         |              | 64.4         | 67.8         | 74.8         | 79.9<br>81.3 | 81.4<br>82.9 | 84.3         | 86.5<br>88.2 | 86.6         | 87.1<br>88.8 | 87.3         | 87.3         | 87.3          |
| ≥ 900<br>≥ 800        |     | 43.9 | ,            |              | 1            | 69.6<br>70.7 | 77.0         | 82.4<br>83.8 | 83.9<br>85.5 | 87.0         | 89.3<br>90.9 | 89.4<br>91.0 | 89.9<br>91.6 | 90.1<br>91.7 | 90.1         | 90.2          |
| ≥ 700<br>≥ 600        |     | 44.4 | 52.0         | 60.4         | 67.3         | 71.2         | 78.8         | 84.7         | 86.4<br>88.2 | 89.4<br>91.4 | 91.8<br>93.8 | 91.9         | 92.5         | 92.6         |              | 94.9          |
| ≥ 500<br>≥ 400        |     | 44.8 |              |              | 68.8         | 72.8<br>73.5 | 80.9         | 88.2         | 89.1<br>90.2 | 92.4         | 96.4         | 95.2<br>96.5 | 95.8         | 95.9<br>97.3 | 97.3         |               |
| ≥ 300<br>≥ 200        |     | 45.0 |              |              | 69.6         | 73.6         | 81.9         |              | 90.8         | 94.1         | 97.1<br>97.4 |              |              |              | 99,1         | 98.7          |
| ≥ 100<br>≥ 0          |     | 45.0 |              | 61.3         | 69.6         |              | 1            | 1            |              |              | 97.5         |              |              | 99.1         |              | 99.7<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1343

USAF ETAC 100 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYC 1AP JAPAN/HUN SHU 47-60,71-72

Y A Y

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING            |     |      |       |      |      |      | VIS  | IBILITY (ST | ATUTE MIL | £5:  |       |      |      |         |       |       |
|--------------------|-----|------|-------|------|------|------|------|-------------|-----------|------|-------|------|------|---------|-------|-------|
| FEET               | ≥10 | ≥6   | ≥ 5   | ≥ 4  | ≥3   | ≥2 2 | ≥ 2  | ≥1'2        | ≥1'.      | ≥1   | ≥ 1,4 | ≥'•  | 2 7  | ≥5 16   | ≥ '•  | ≥0    |
| NO CEILING         |     | 26.1 | 27.9  | 29.9 | 31.8 | 32.6 | 33.7 | 34.2        | 34.3      | 34.4 | 34.5  | 34.5 | 34.6 | 34.6    | 34.6  | 34.6  |
| ≥ 20000            |     | 37.9 | 40.4  | 43.1 | 45.9 | 47.2 | 49.0 | 49.6        |           | 50.0 | 50.1  | 50.1 | 50.1 | 50.1    | 50.1  | 50.1  |
| ≥ 18000            |     | 38.9 | 41.4  | 44.1 | 47.0 | 48.2 | 50.0 | 50.7        | 50.7      | 51.0 | 51.1  | 51.1 | 51.2 | 51.2    | 51.2  | 51.2  |
| ≥ 16000            |     | 39.2 | 41.8  | 44.5 | 47.4 | 48.7 | 50.4 | 51.1        | 51.2      | 51.5 | 51.6  | 51.6 | 51.6 | 51.6    | 51.6  | 51.6  |
| ≥ 14000<br>≥ 12000 |     | 40.7 | 43.5  | 46.5 | 49.4 | 50.7 | 52.6 | 53.3        | 53.3      | 53.6 | 53.7  | 53.7 | 53.8 | 53.8    | 53.8  | 53.8  |
|                    |     | 42.5 |       | 48.7 | 51.9 | 53.3 | 55.3 | 56.2        | 56.2      | 56.6 | 56.8  | 56.8 | 56.9 | 56.9    | 56.9  | 56.9  |
| ≥ 10000<br>≥ 9000  |     | 45.6 | 48.7  | 52.2 | 55.5 | 57.C | 59.1 | 60.0        | 60.1      | 60.6 | 60.8  | 60.8 | 60.9 | 60.9    | 60.9  | 60.9  |
|                    |     | 46.3 | 49.5  | 52.9 | 56.4 | 57.9 | 60.0 | 61.C        | 61.1      | 61.0 | 61.8  | 61.8 | 61.9 | 61.9    | 61.9  | 61.9  |
| ≥ 8000<br>≥ 7000   |     | 48.1 | 51.5  | 55.0 | 58.6 | 60.1 | 62.3 | 63.3        | 63.4      | 63.9 | 64.1  | 64.1 | 64.2 | 64.2    | 64.2  | 64.2  |
|                    |     | 49.4 | 52.7  | 56.4 | 60.1 | 61.6 | 64.0 | 65.0        | 65.1      | 65.7 | 65.9  | 65.9 | 65.9 | 65.9    | 65.9  | 65.9  |
| ≥ 6000<br>≥ 5000   |     | 50.5 | 53.9  | 57.6 | 61.3 | 62.8 | 65.3 | 66.2        | 66.4      | 67.1 | 67.4  | 67.4 | 67.4 | 67.4    | 67.4  | 67.4  |
|                    |     | 52.4 | 35.9  | 39.8 | 63.6 | 65.1 | 67.6 | 68.7        | 68.8      | 69.5 | 70.0  | 70.0 | 70.0 | 70.0    | 70.0  | 70.0  |
| ≥ 4500<br>≥ 4000   |     | 53.7 | 57.3  | 61.2 | 65.0 | 66.5 | 69.1 | 70.2        | 70.3      | 71.0 | 71.4  | 71.4 | 71.5 | 71.5    | 71.5  | 71.5  |
|                    |     | 56.5 | 60.2  | 64.3 | 63.2 | 69.8 | 72.6 | 73.7        | 73.9      | 74.6 | 75.1  | 75.1 | 75.3 | 75.3    |       | 75.3  |
| ≥ 3500<br>≥ 3000   |     | 57.5 | 61.3  | 65.7 | 69.9 | 71.5 | 74.3 | 75.4        | 75.6      | 76.3 | 76.8  | 76.8 | 77.0 | 77.0    | 77.0  |       |
|                    |     | 59.5 | 63.3  | 67.7 | 72.0 | 73.8 | 76.6 | 77.9        | 78.0      | 78.9 | 79.4  | 79.4 | 79.6 | 79.6    | 79.6  | 79.6  |
| ≥ 2500<br>≥ 2000   |     | 60.8 | 64.7  | 69.4 | 73.8 | 75.7 | 78.6 | 79.9        | 80.0      |      | 81.4  | 81.4 | 81.6 | 81.6    | 81.6  |       |
|                    |     | 62.8 | 66.8  | 71.7 | 76.4 | 78.3 | 81.4 | 82.8        | 83.0      | 83.8 | 84.3  | 84.3 | 84.6 | 84.6    | 84.6  | 84.6  |
| ≥ 1800<br>≥ 1500   |     | 63.4 | 67.6  | 72.5 | 77.2 | 79.3 | 82.5 | 84.0        | 84.2      | 85.0 | 85.5  | 85.5 | 85.8 | 85.8    | 85.8  | 85.8  |
| ≥ 1200             |     | 64.4 | 68.7  | 74.0 | 79.2 | 81.4 | 84.8 | 86.4        | 86.6      | 87.5 | 88.1  | 88.1 | 88.3 | 38.3    | 88.3  | 88.3  |
| ≥ 1200             |     | 65.0 | 69.5  | 74.9 | 80.5 | 82.8 | 86.4 | 88.3        | 88.5      | 89.5 | 90.0  | 90.0 | 90.2 | 90.2    | 90.2  | 90.2  |
|                    |     | 65.4 | 70.2  | 75.8 | 81.6 | 84.1 | 88.1 | 90.3        | 90.5      | 91.6 | 92.1  | 92.1 | 92.4 | 92.4    | 92.4  | 92.4  |
| ≥ 900<br>≥ 800     |     | 65.7 | 70.5  |      | 82.1 | 34.6 | 89.0 | 91.2        | 91.5      |      | 93.2  | 93.2 | 93.5 | 93.5    | 93.5  |       |
|                    |     | 66.0 | 70.8  | 76.6 | 82.9 | 85.6 | 90.2 | 92.6        | 93.0      | 94.2 | 94.8  | 94.3 | 95.0 | 95.0    | 95.0  | 95.0  |
| ≥ 700<br>≥ 600     |     | 66.2 | 71.0  | 76.9 | 83.5 | 86.3 | 91.2 | 93.8        | 94.3      | 95.5 | 96.1  | 96.1 | 96.4 | 96.4    |       | 96.4  |
|                    |     | 66.3 |       | 77.2 | 84.1 | 86.9 | 92.1 | 94.9        | 95.5      | 96.8 | 97.4  | 97.4 | 97.7 | 97.8    | 97.8  | 97.8  |
| ≥ 500<br>≥ 400     |     | 66.3 | 71.2  | 77.2 | 84.3 | 87.3 | 92.7 | 95.5        | 96.4      | 98.0 | 98.6  | 98.7 | 99.0 | 99.0    | 99.0  |       |
| ≥ 300              |     | 66.4 | 71.3  | 77.2 | 84.4 | 87.5 | 92.9 | 96.0        | 96.8      | 98.6 | 99.2  | 99.3 | 99.6 | 99.6    | 99.6  | 99.6  |
| ≥ 200              |     | 66.4 | 71.3  | 77.2 | 84.5 | 87.5 | 93.1 | 96.3        | 97.1      | 99.0 | 99.6  | 99.6 |      |         | 100.0 |       |
|                    |     | 66.4 | 4.0.3 | 77.2 | 84.5 | 87.5 | 93.1 | 96.3        | 97.1      | 99.0 | 99.6  | 99.6 |      | 100.0   |       | 100 c |
| ≥ 100              |     | 66.4 | 71.3  | 77.2 | 84.5 | 87.5 | 93.1 | 96.3        | 97.1      |      | 99.6  |      |      |         | 100.0 |       |
|                    |     | 66.4 | 11.3  | 17.2 | 84.5 | 87.5 | 93.1 | 96.3        | 97.1      | 99.0 | 99.6  | 99.5 | 99.9 | 100 • C | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

1348

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYU TAP JAPAN/HUNSHU 47-60,71-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING               |            |              |              |              |              |              | VIS          | IBILITY (ST  | ATUTE MILI   | ES:          |              |              |              |              | <del></del>  |              |
|-----------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10        | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2′2         | ≥2           | ≥1,          | ≥1'4         | ≥1           | ≥ ¼          | ≥,•          | ≥ 2          | ≥5 16        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |            | 31.0<br>48.7 | 31.0         |              | 32.8<br>52.0 | 32.8<br>52.0 | 32.8<br>52.0 | 32.8<br>52.0 | 32.8<br>52.0 | 32.8<br>52.0 | 32.8<br>52.0 | 32.8<br>52.0 | 32.8         | 32.8         | 32.8<br>52.0 | 32.8         |
| ≥ 18000<br>≥ 16000    |            | 49,6<br>50.0 | 50.9<br>51.4 | 52.3<br>52.7 | 52.8<br>53.3 | 52.8<br>53.3 | 52.8<br>53.3 | 52.8<br>53.3 | 52.8<br>53.3 | 52.9<br>53.4 | 52.9<br>53.4 | 52.9<br>53.4 | 52.9<br>53.4 | 52.9<br>53.4 | 52.9<br>53.4 | 52.9<br>53.4 |
| ≥ 14000<br>≥ 12000    |            | 52.5<br>55.1 | 53.8<br>56.7 | 55.1<br>58.0 | 55.7<br>58.7 | 55.7<br>58.7 | 55.7<br>58.7 | 55.7<br>58.7 | 55.7<br>58.7 | 55.8<br>58.7 | 55.8<br>58.7 | 55.8<br>58.7 | 55.8<br>58.7 | 55.8<br>58.7 | 55.8<br>58.7 | 55.8<br>58.7 |
| ≥ 10000<br>≥ 9000     |            | 58.8<br>60.4 | 60.7         | 62.1         | 62.7         | 62.7         | 62.7         | 62.8         | 62.8         | 62.9         | 64.5         | 62.9         | 62.9         | 62.3         | 62.9         | 62.9         |
| ≥ 8000<br>≥ 7000      |            | 62.2         | 64.2<br>66.1 | 65.8         | 66.5<br>68.6 | 66.5<br>68.6 | 66.6<br>68.8 | 66.7         | 66.7         | 66.8<br>68.9 | 66.8<br>68.9 | 66.8         | 66.8         | 66.8         | 66.8<br>68.9 | 66.8         |
| ≥ 6000<br>≥ 5000      |            | 64.9<br>67.5 | 67.1<br>69.7 |              | 69.6         | 69.7<br>72.3 | 69.8<br>72.5 | 70.0<br>72.8 | 70.0         | 70.1<br>72.8 | 70.1<br>72.8 | 70.1<br>72.8 | 70.1         | 70.1<br>72.8 | 70.1<br>72.8 | 70.1<br>72.8 |
| ≥ 4500<br>≥ 4000      |            | 68.4<br>71.1 | 70.7<br>73.4 | 72.5<br>75.4 | 73.3<br>76.1 | 73.4<br>76.3 | 73.7         | 73.9<br>76.9 | 73.9<br>76.9 | 73.9<br>77.0 | 73.9<br>77.0 |              | 73.9         |              |              | 73.9         |
| ≥ 3500<br>≥ 3000      |            | 73.7         | 76.2<br>77.3 | 78.3<br>79.7 | 79.1<br>80.6 | 79.4         | 79.7         | 80.0<br>81.5 | 81.5         | 80.1         | 80.1<br>81.8 | 80.1<br>81.8 | 80.1<br>81.8 | 80.1<br>81.8 | 80.1<br>81.8 | 80.1<br>81.8 |
| ≥ 2500<br>≥ 2000      |            | 75.6<br>78.4 | 78.4         | 81.0<br>84.3 | 82.1<br>85.7 |              | 82.8         | 83.1<br>86.9 | 83.1         |              | 83.3         | 83.3<br>87.1 | 83.4         | 83.4         | 83.4<br>87.2 | 83.4<br>87.2 |
| ≥ 1800<br>≥ 1500      |            | 79.9<br>81.4 | 84.6         | 87.6         | 87.3<br>89.2 |              | 90.3         | 88.6<br>90.7 | 58.6<br>90.7 | 90.9         | 88.9<br>90.9 |              |              | 88.9<br>91.0 | 7.7          | 91.0         |
| ≥ 1200<br>≥ 1000      | <u>.</u> . | 81.9<br>81.9 | 85.2<br>85.4 | 83.4<br>88.6 | 90.5         | 90.6         | 91.4<br>92.5 | 93.1         | 92.0<br>93.1 | 93.4         | 92.2<br>93.4 | 92.2         | 92.3         | 92.3<br>93.5 | 93.5         | 92.3         |
| ≥ 900<br>≥ 800        |            | 82.3         | 85.8         | 89.4         | 91.0<br>91.9 | 91.9         | 94.4         | 93.9<br>95.2 | 93.9<br>95.2 | 94.2<br>95.6 | 94.2<br>95.8 | 94.2<br>95.8 |              |              | 94.3         | 94.3         |
| ≥ 700<br>≥ 600        |            | 82.5         |              | 89.7<br>89.9 | 92.4<br>92.6 | 93.5         |              | 96.3         | 96.3<br>96.8 | 96.8         | 96.9<br>97.3 | 96.9<br>97.3 | 97.4         | 97.4         | 97.4         | 97.0<br>97.4 |
| ≥ 500<br>≥ 400        |            | 82.8<br>82.8 | 86.5         | 90.4         | 93.0         | 94.2         | 96.3<br>96.8 |              | 97.7<br>98.5 | 98.3         | 98.5         | 99.4         |              | 99.5         | 99.5         |              |
| ≥ 300<br>≥ 200        |            | 82.8         | 86.5         |              | 93.2         | 94.6         | 97.0<br>97.1 | 98.6         | 98.8         |              | 99.9         |              | 100.0        |              | 100.0        | 100.0        |
| ≥ 100<br>≥ 0          |            | 82.8<br>82.8 |              |              | 93.3         | 94.7         | 97.1         | 98.6<br>98.6 |              | 99.7         |              |              |              |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS

1355

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 IUKY!! IAP JAPAN/HONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY ST   | ATUTE MILI   | ES:          |              |              |              |                   |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2';         | ≥ ?          | ≥1'.         | ≥1′4         | 21           | ≥ 34         | ≥>*          | ≥ '2         | ≥ 5 16            | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 32.1<br>46.5 | 32.8<br>47.4 | 33.1<br>47.9 | 33.4<br>48.2 | 33.4<br>48.2 | 33.5<br>48.5 | 33.5<br>48.5 | 33.5<br>48.5 | 33.5<br>48.5 | 33.5<br>48.5 | 33.5<br>48.5 | 33.:<br>48.5 | 33.5<br>48.5      | 33.5<br>48.5 | 33.5         |
| ≥ 8000<br>≥ 16000     |     | 47.9         | 48,9         | 49.4         | 49.7         | 49.7         | 49.9         | 49.9<br>50.4 | 49.9         | 49.9<br>50.4 | 49.9<br>50.4 | 49.9<br>50.4 | 49.9<br>50.4 | 49.9<br>50.4      | 49.9         | 49.9<br>50.4 |
| ≥ 14000<br>≥ 12000    |     | 52.9         | 53.9<br>57.1 | 54.5<br>57.7 | 54.9<br>58.1 | 54.9<br>58.1 | 55.1<br>58.4 | 55.1<br>58.4 | 55.1<br>58.4 | 55.1<br>58.4 | 55.1<br>58.4 | 55.1<br>58.4 | 55.1<br>58.4 | 5.5 · 1<br>58 · 4 | 55.1<br>58.4 | 55.1<br>58.4 |
| ≥ 10000<br>≥ 9000     |     | 60.6         | 61.8         | 62.4         | 63.0         | 63.7         | 63.3         | 63.3         | 63.3         | 63.3         | 63.3         | 63.3         | 63.3         | 63.3              | 63.3         | 64.0         |
| ≥ 8000<br>≥ 7000      |     | 63.2         | 64.6         | 65.2         | 65.9         | 65.9         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2              | 66.2         | 66.2         |
| ≥ 6000<br>≥ 5000      |     | 66.8         | 68.3         | 69.3         | 70.1         | 70.1         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4              | 70.4         | 70.4         |
| ≥ 4500<br>≥ 4000      |     | 70.2         | 71.7         | 72.8         | 73.7         | 73.8         | 74.1<br>78.1 | 74.1<br>78.1 | 74.1<br>78.1 | 74.1         | 74.1         | 74.1         | 74.1         | 74.1<br>78.3      | 74.1         | 74.1<br>78.3 |
| ≥ 3500<br>≥ 3000      |     | 75.6         | 77.3         | 78.7         | 79.6         | 79.7<br>82.0 | 80.0<br>82.4 | 80.1         | 80.1<br>82.5 | 80.3<br>82.6 | 80.3         | 80.3<br>82.6 | 80.3         | 80.3              | 80.3         | 80.3<br>82.6 |
| ≥ 2500<br>≥ 2000      |     | 78.1         | 80.2<br>82.6 | 81.9         |              | 82.9         | 83.4         | 83.5         | 83.5         | 83.7         | A3.7         | 83.7         | 83.7         | 83.7              | 83.7         | 83.7         |
| ≥ 1800<br>≥ 1500      |     | 81.4         | 83.5         | 85.6         |              | 86.7<br>88.9 | 87.7<br>89.8 | 87.8<br>90.1 | 87.8         | 89.0<br>90.2 |              | 88.2         | 88.2         | 98.2              | 38.2<br>90.5 | 88.2         |
| ≥ 1200<br>≥ 1000      |     | 83.4         | 85.6<br>86.4 | 88.0         |              | 89.8         | 90.9         | 91.3         | 91.3         | 91.5         | 91.9         | 91.9         | 91.9         | 91.9              | 91.9         | 91.9         |
| ≥ 900<br>≥ 800        |     | 84.5         | 86.8         |              |              | 91.7         | 92.9         | 93.5         | 93.7         | 93.9         | 94.3         | 94.3         | 94.3         | 94.3              | 94.4         | 94.4         |
| ≥ 700<br>≥ 600        |     | 85.0         |              | 90.8         | 93.2         | 93.5         | 95.3         | 95.9         | 96.1<br>96.8 | 96.5         | 97.0<br>98.0 | 97.0         | 97.0<br>98.0 | 97.0              | 97.1         | 97.1<br>98.2 |
| ≥ 500<br>≥ 400        |     | 85.4         | 86.0         | 91.2         | 93.7         | 94.1         | 96.0         | 97.1<br>97.5 | 97.3<br>97.8 | 98.1<br>98.5 | 98.6         | 98.6         | 98.6         |                   |              | 98.7         |
| ≥ 300<br>≥ 200        |     | 85.5<br>85.5 | 88.1         | 91.4         | 94.0         | 94.3         | 96.5         | 97.7<br>98.0 | 98.0         | 98.8         | 99.4         | 99.4         | 99.4         | 99.4              |              | 99.6         |
| ≥ 100<br>≥ 0          | -   | 85.5<br>85.5 | 88.1         | 91.4<br>91.4 |              | 94.4         | 96.6<br>95.6 | 98.0         | 98.3         | 99.3<br>99.3 | 99.9         | 99.9         | 99.9         | 99.9              | 100.0        |              |

TOTAL NUMBER OF OUTERVATIONS

1358

USAF ETAC 1944 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY ·ST  | ATUTE MIL    | ES:          |              |              |              |              |                |                |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|
| 161                   | ≥10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥2'2         | ≥2           | ≥1'2         | ≥1,4         | ≥1           | ≥ 1,4        | ≥'•          | ≥ 2          | ≥5 16        | ≥ 4            | ≥0             |
| NO CEILING<br>≥ 20000 |     | 32.6         | 33.4         | 33.6<br>44.8 | 34.2<br>45.4 | 34.2         | 34.3<br>45.5 | 34.3<br>45.6 | 34.3<br>45.6 | 34.3<br>45.6 |              | 34.3<br>45.6 | 34.3<br>45.6 | 34.3<br>45.6 |                | 34.3<br>45.6   |
| ≥ 18000<br>≥ 16000    |     | 44.6         | 46.1<br>46.8 | 46.6         | 47.3         | 47.3         | 47.4         | 47.5<br>48.3 | 47.5<br>48.3 | 47.5<br>48.3 | 47.5<br>48.3 | 47.5<br>48.3 | 47.5<br>48.3 | 47.5         | 47.5           | 47.5<br>48.3   |
| ≥ 14000<br>≥ 12000    |     | 50.0         | 51.7<br>55.9 | 52.3<br>56.7 | 53.1<br>57.5 | 53.1<br>57.5 | 53.3<br>57.7 | 53.4<br>57.8 | 53.4<br>57.8 | 53.4<br>57.8 | 53.4<br>57.8 | 53.4<br>57.3 | 53.4<br>57.8 |              | 53.4<br>57.8   | 53.4<br>57.8   |
| ≥ 10000<br>≥ 9000     |     | 57.1<br>57.8 | 59.0<br>59.8 | 59.9<br>60.7 | 60.8         | 60.9         | 61.1         | 61.3         | 61.3<br>62.1 | 61.3         | 61.3         | 61.3         | 61.3         | 61.3         | 61.3           | 61.3<br>62.1   |
| ≥ 8000<br>≥ 7000      |     | 60.3         | 62.6         | 63.5         | 64.6         | 64.7         | 65.0         | 65.2         | 65.2         | 65,2<br>67.1 | 65.2         | 65.2<br>67.1 | 65.2         | 65.2         | 65.2           | 65.2<br>67.1   |
| ≥ 6000<br>≥ 5000      |     | 63.9         | 66.2         | 67.3         | 68.4<br>70.6 | 68.5         | 68.8<br>71.0 | 69.1<br>71.2 | 69.1<br>71.2 | 69.1<br>71.2 | 69.1         | 69.1         | 69.1         | 69.1         | 69.1<br>71.2   | 69.1<br>71.2   |
| ≥ 4500<br>≥ 4000      |     | 67.6         | 70.1<br>73.8 | 71.4         | 72.4         | 72.6<br>76.6 | 72.9         | 73.1         | 73.1         | 73.1         | 73.1         | 73.1         | 73.1         | 73.1<br>77.1 | 73.1<br>77.1   | 73.1           |
| ≥ 3500<br>≥ 3000      |     | 73.9         | 76.5         | 78.1<br>79.6 | 79.2<br>80.8 | 79.4<br>81.0 | 79.7<br>81.5 | 80.0<br>81.8 | 80.0<br>81.8 | 80.0         | 80.0<br>81.8 | 80.0<br>81.8 | 80.0<br>81.8 | 80.0         | 80.0           | 80.0<br>81.8   |
| ≥ 2500<br>≥ 2000      |     | 76.4<br>78.1 | 79.4<br>91.2 | 81.2         | 82.6         | 82.8<br>85.1 | 83.5<br>85.8 | 83.8<br>86.1 | 83.8<br>86.1 | 83.8<br>86.1 | 83.9         | 83.9<br>86.3 | 83.9         | 83.9<br>86.3 | 83.9           | 83.9<br>86.3   |
| ≥ 1800<br>≥ 1500      |     | 78.4<br>80.0 | 81.5<br>83.2 | 83.6<br>85.5 | 85.1<br>87.1 | 85.4<br>87.4 | 86.1<br>88.2 | 86.4<br>88.6 | 86.4<br>88.6 | 86.4<br>88.6 | 86.6<br>88.8 | 86.6<br>88.9 | 86.6         |              |                | 86.6<br>88.9   |
| ≥ 1200<br>≥ 1000      |     | 81.4         | 84.6         |              | 89.1<br>90.1 | 89.5<br>90.4 | 90.3         | 90.7         | 90.7         | 90.9         | 91.2<br>92.5 | 91.2<br>92.5 | 91.3         | 91.3<br>92.6 | 92.6           | 92.6           |
| ≥ 900<br>≥ 800        |     | 81.9<br>82.2 | 85.3<br>85.7 | 88.6         | 90.6<br>91.2 | 91.0<br>91.6 | 92.2<br>92.8 | 92.8<br>93.6 | 92.8<br>93.7 | 93.1         | 93.4         | 93.4         | 93.6         | 93.6         | 93.6           | 94.5           |
| ≥ /00<br>≥ 600        |     | 82.4<br>82.5 | 55.9<br>85.9 | 89.5         | 91.7<br>92.1 | 92.2<br>92.8 | 93.6         | 94.3         | 94.5<br>95.8 | 94.8         | 95.1<br>96.6 | 95.1<br>96.6 | 95.2<br>96.8 | 95.2<br>96.8 |                | 96.8           |
| ≥ 500<br>≥ 400        |     | 83.1         | 86.9         |              | 93.0<br>93.6 | 93.9         | 95.5         | 96.8<br>97.6 |              | 97.6<br>98.4 | 98.1<br>98.9 | 98.1<br>98.9 |              | 99.0         | 99.0           | 99.0           |
| ≥ 300<br>≥ 200        |     | 83.5         |              | 91.3<br>91.6 | 94.2         | 95.0         | 96.6<br>96.9 | 98.3         | 98.4<br>98.7 | 98.9         | 99.4         | 99.4<br>99.8 | 99.9         |              | 100.0          | 100.0          |
| ≥ 100<br>≥ 0          |     | 83.6         |              | 91.6         | 94.2         | 95.0         | 96.9<br>96.9 | 98.3<br>98.3 | 98.7<br>98.7 | 99.2         |              | 99.8<br>99.8 | 99.9         |              | 100.0<br>100.0 | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS .

1338

USAF ETAC JULIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYU TAP JAPAN/FONSHU 47-60,71-72

2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |             |              |      |              |              |              | VIS          | BILITY (STA  | ATUTE MILE   | ES:          |              |              |              | _            |              |                |
|-----------------------|-------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| FEET                  | ≥10         | ≥6           | ≥5   | ≥ 4          | ≥3           | ≥2 2         | ≥ 2          | ≥1'2         | ≥1.4         | ≥1           | ≥ 34         | >,*          | ≥ ′2         | ≥5 16        | ≥ .          | ≥0             |
| NO CEILING<br>≥ 20000 |             | 33.9         | 34.9 | 36.5<br>45.4 |              | 37.7         |              | 38.4         | 38.4         | 38.7         | 38.7         | 38.7         |              |              |              |                |
| ≥ 18000<br>≥ 16000    |             | 44.5         | 45.5 | 47.6         | 48.4         | 49.1         | 49.4         | 49.9         | 49.9         |              | 50.2         | 50.2         | 50.2         | 50.2         | 50.2         | 50.2           |
| ≥ 14000<br>≥ 12000    |             | 48.6         | 49.7 | 52.0<br>56.8 | 52.8<br>57.6 | 53.5         | 53.9         | 54.4         |              |              | 54.7<br>59.5 |              |              | 54.7         | 54.7         | 54.7<br>59.5   |
| ≥ 10000<br>≥ 9000     | <del></del> | 55.0         | 56.2 | 58.6         | 59.4         | 60.1         | <del></del>  | 61.1         | 61.1         | 61.4         | 61.5         | 61.5         | 61.5         | 61.5         | 61.5         | 61.5           |
| ≥ 8000<br>≥ 7000      |             | 57.8         |      | 61.8         | 62.6         | 63.3         |              | 64.4         | 64.4         |              | 64.8         | 64.8         | 64.8         | 64.8         | 64.8         |                |
| ≥ 6000<br>≥ 5000      |             | 62.3         | 63.8 | 66.4         | 67.4         | 68.0         |              | 69.1         | 69.1         |              | 69,5         | 69.5         | 69.5         | 09.5         |              | 69.5           |
| ≥ 4500<br>≥ 4000      |             | 65.4         | 67.0 | 69.6         | 70.5         | 71.2         | 71.7         | 72.3         | 72.3         | 72.6         | 72.7         | 72.7         | 72.7         | 72,7         | 72.7         | 72.7           |
| ≥ 3500<br>≥ 3000      |             | 69.1         | 70.9 | 73.6         | 74.7         | 75.5         | 76.1         | 76.7         | 76.7         | 77.0         |              | 77.1         | 77.1         | 77.1         | 77.1         | 77.1           |
| ≥ 2500<br>≥ 2000      |             | 72.2<br>75.3 | 74.3 | 77.2         | 78.5         | 79.3         |              |              |              | 81.0         | 81.1         |              |              | 81.1         |              | 81.1           |
| ≥ 1800<br>≥ 1500      |             | 75.9         |      |              | 82.4         | 83.3<br>85.4 | 84.2         | 84.8<br>86.9 | 84.9<br>87.0 |              | 85.4         | 85.4<br>87.5 |              |              |              | 85.4           |
| ≥ 1200<br>≥ 1000      |             | 79.3         |      | ~ . • .      | 86.2<br>87.8 |              | 1            | 89.0<br>90.9 | 89.1<br>90.9 |              |              | 89.8<br>91.7 | 89.8         | 89.8<br>91.8 | 89.9<br>91.9 |                |
| ≥ 900<br>≥ 800        |             | 80.7<br>81.5 | 83.0 | 86.8<br>67.9 |              |              | 91.0         | 91.9         | 91.9         |              | 92.7         | 92.7         | 92.8         | 92.8<br>94.1 | 92.8         |                |
| ≥ 700<br>≥ 600        |             | 82.2<br>83.0 |      | _ ~ - •      |              | 92.2         | 93.5         | 94.5<br>95.8 | 94.7         | 95.4<br>96.7 | 95.4<br>96.8 | 95.4         | 95.5<br>96.9 | 95.5         |              |                |
| ≥ 500<br>≥ 400        |             | 83.2         |      | 1            |              | 93.8         | 95.1         | 96.3<br>97.2 | 96.4<br>97.3 |              | 97.4<br>98.4 | 97.4         |              |              |              | 97.6<br>98.6   |
| ≥ 300<br>≥ 200        |             | 83.8         |      |              | 93.9         | 95.4         | 96.7         | 98.2         | 98.4         | 99.5         | 99.3<br>99.8 | 99.8         | 99.9         | 99.9         | 100.0        | 99.5           |
| ≥ 100<br>≥ 0          |             | 83.8         |      | 91.4         | 93.9         |              | 97.0<br>97.0 |              |              |              |              |              | 99 <b>.9</b> |              |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1314

USAF ETAC 101 0 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYC 1AP JAPAN/HONSHU 47-60,71-72

"

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0020-0300

| CEILING               |     |              |              |              |              |              | vis          | BILITY (ST.  | ATUTE MIL    | ES           |              |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEFT                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2 2         | ≥ 2          | ≥115         | ≥1.          | ≥1           | ≥ 3,4        | 5,           | ≥ ,          | ≥ 5 16       | ≥.           | ≥0           |
| NO CEILING<br>≥ 20000 |     | 14.6         |              |              | 20.5<br>28.2 | 20.6<br>28.4 | 21.1<br>25.9 | 21.3         | 21.3         | 21.4         | 21.4         | 21.4         | 21.4         | 21.4         | 21.4         | 21.4         |
| ≥ 18000<br>≥ 16000    |     | 22.2         | 23.8         | 26.3<br>27.2 | 29.3<br>30.2 | 29.4         | 29.9<br>30.9 | 30.2         | 30.2         | 30.2         | 30.3         | 30.3         | 30.3         | 30.3         | 30.3         | 30.3         |
| ≥ 14000<br>≥ 12000    | ·   | 24.7         | 26.4         | 28.9         | 31.9         | 32.0<br>35.1 | 32.7<br>35.8 | 33.0<br>36.1 | 33.0<br>36.1 | 33.1<br>36.4 | 33.1<br>36.5 | 33.1<br>36.5 | 33.1<br>36.5 | 33.1<br>36.5 | 33.1<br>36.5 | 33.1<br>36.5 |
| ≥ 10000<br>≥ 9000     |     | 29.7<br>31.2 | 31.8<br>33.4 | 34.7         | 37.7         | 37.9<br>39.5 | 38.7         | 39.2<br>40.8 | 39.2<br>40.8 | 39.5<br>41.1 | 39.5         | 39.5         | 39.5         | 39.5         | 39.5         | 39.5         |
| > 8000<br>≥ 7000      |     | 33.1<br>34.5 | 35.7<br>37.0 | 38.6<br>40.1 | 41.6         | 41.9         | 42.7         | 43.2         | 43.2         | 43.4<br>45.0 | 43.5         | 43.5         | 43.5         | 43.5         | 43.5         | 43.5         |
| ≥ 6000<br>≥ 5000      |     | 36.9<br>39.4 | 39.5<br>42.1 | 42.5<br>45.2 | 45.7<br>48.3 | 45.9<br>48.6 | 47.0         | 47.5<br>50.1 | 47.5         | 47.7<br>50.4 | 47.8         | 47.8         | 47.8         | 47.8         |              |              |
| ≥ 4500<br>≥ 4000      |     | 41.3         | 44.1         | 47.1<br>50.2 | 50.3         | 50.5<br>53.6 | 51.6<br>54.6 | 52.1<br>55.2 | 52.1<br>55.2 | 52.4<br>55.5 | 52.5<br>55.5 | 52.5<br>55.5 | 52 <b>,5</b> | 52.5         | 52.5         | 52.5         |
| ≥ 3500<br>≥ 3000      |     | 46.9         | 49.8<br>52.6 | 53.0<br>55.9 | 56.1<br>59.0 | 56.3<br>59.3 | 57.4         | 58.0         | 58.0<br>61.0 | 58.2<br>61.3 | 58.3         | 58.3         | 58.3         | 58.3         | 58.3         | 58.3         |
| ≥ 2500<br>≥ 2000      |     | 51.7<br>55.4 | 54.8<br>58.8 | 58.0<br>62.0 | 61.3         | 61.5         | 62.7         | 63.4         | 67.6         | 63.6         | 68.2         | 63.7         | 68.2         | 63.7         | 63.7         | 63.7         |
| ≥ 1800<br>≥ 1500      |     | 56.5<br>59.6 | 60.2         | 63.5         | 66.9         | 67.3         | 68.6<br>71.8 | 69.2         | 69.2         | 69.6         | 69.9<br>73.3 | 69.9         | 69.9         | 69.9         | 69.9         |              |
| ≥ 1200<br>≥ 1000      |     | 63.1         | 66.9         | 70.6         | 74.4         | 74.9         | 76.3<br>78.9 | 77.1         | 77.1         | 77.6         | 78.0         | 78.C<br>80.8 | 78.0         | 78.0         | 76.0<br>80.8 |              |
| ≥ 900<br>≥ 800        |     | 66.9<br>68.5 | 70.7         | 74.7<br>76.8 | 78.5         | 79.0<br>81.3 | 80.7         | 81,6         | 81.6         | 82.2         | 82.7         | 82.7         | 82.7         | 82.7         |              | 82.7         |
| ≥ 700<br>≥ 600        |     | 70.3         | 74.5         | 79.1<br>82.5 | 87.1         | 83.9<br>87.9 | 85.8<br>90.0 | 86.8         | 86.8         | 87.6<br>91.6 | 88.0         | 88.0         | 88.0         | 88.0         | 88.0         | 88.0         |
| ≥ 500<br>≥ 400        |     | 73.7         | 78.4<br>79.0 | 84,2<br>84.8 | 89.4<br>90.1 | 90.2         | 93.0         | 94.3         | 94.3         | 95.1         | 95.6         | 95.6         | 95.7         | 95.7         | 95.7         |              |
| ≥ 300<br>≥ 200        |     | 74.6         | 79.5<br>79.7 | 85.4<br>85.6 | 90.9         | 92.2         | 95.6<br>96.0 | 97.1         | 97.2         | 98.2<br>98.7 | 98.9         | 98.9         | 99.0         | 99.1         | 99.1         | 99.1<br>99.6 |
| ≥ 100<br>≥ 0          |     | 74.8         | 79.7<br>79.9 | 85.6<br>85.8 | 91.2<br>91.4 | 92.4         | 96.0<br>96.1 | 97.5         | 97.6         | 98.7         | 99.4         | 99.4         | 99.7         | 99.8         |              | 99.8         |

TOTAL NUMBER OF OBSERVATIONS

1237

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAMANON

47-60,71-72

WWW.

PFRCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING                    |     |                      |              |               |                           |                      | VIS                  | BILITY ISTA          | ATUTE MILI   | :S                   |              | <del></del>          |              |              |                      |                      |
|----------------------------|-----|----------------------|--------------|---------------|---------------------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|
| LEE.                       | ≥10 |                      | ≥,           | ≥4            | 2.5                       | ≥2'₁                 | ≥ 2                  | ≥1',                 | ≥1'4         | ≥1                   | ≥ 14         | ≥ .                  | ≥ 2          | ≥ 5 16       | 24                   | ≥0                   |
| ≥ 20000                    |     | 9.2                  | 10.0         | 13.3          | 13.4                      | 13.3                 | 14.1                 | 14.8                 | 15.0         | 15.4                 | 15.4         | 15.4                 | 15.4         | 15.4         | 15.4                 | 15.4                 |
| ≥ 18000<br>≥ 16000         |     | 15.9                 | 17.1<br>17.0 | 19.5          | ار در<br>الماري <u>در</u> | 22.5                 | 25.6<br>24.1         | 24.7                 | 25.1<br>25.7 | 25.5                 | 25.5         | 25.5                 | 25.5         | 25.5         | 25.5                 | 25.5<br>26.3         |
| ≥ 14600                    |     | 1 20 1               | 19.4         | 21.9          | 24.4                      | 25.C<br>28.1         | 26.1<br>29.4         | 27.3                 | 27.7         | 28.3                 | 28.3         | 28.3                 | 28.4         | 28.4<br>31.9 | 28.4                 | 28.4                 |
| ≥ 10000<br>≥ 9000          |     | 22 4                 | 4.4          | 27.5          | 31.1                      | 30.7                 | 32.2<br>33.2         | 33,5                 | 34.0<br>35.1 | 34.8<br>35.6         | 35.0<br>36.1 | 30<br>36.1           | 35.1<br>36.1 | 35.1<br>36.1 | 35.1<br>36.1         | 35.1<br>36.1         |
| > 8000                     |     | 25.1<br>26.4         | 1.2          | ٥٥٠٤<br>عمدد_ | 33.4                      | 34.0<br>35.2         | 15.5                 | 36.9                 | 37.3<br>38.7 | 39.3<br>39.5         | 38.4         | 38.4<br>39.8         | 38.5<br>39.9 | 38.5<br>39.9 | 38.5<br>39.9         | 38.5<br>39.9         |
| ≥ 6000                     |     | 27.2<br>30.2         | 30.1         | 33.5<br>15.8  | 36.4<br>38.8              | 37.1<br>39.5         | 36,7<br>41,3         | 40.1                 | 40.6         | 41.5                 | 41.7         | 41.7                 | 41.8         | 41.8         | 41.8                 | 41.8                 |
| ≥ 4500<br>≥ 4000<br>≥ 3500 |     | 31.3                 | 33.5         | 37.0<br>40.8  | 40.0                      | 40.8<br>44.5         | 42,6                 | 44.0                 | 44.5         | 45.4                 | 49.6         | 45.7                 | 45.8<br>49.7 | 45.8         | 45.8                 | 45.8                 |
| ≥ 3500<br>= 3000<br>≥ 2500 |     | 39.7                 | 42.0         | 42.4          | 45.6                      | 50.0                 | 48.2<br>51.8         | 53.3                 | 50.1<br>53.8 | 51.1<br>54.7         | 51.3<br>55.0 | 51.3<br>55.0         | 51.4<br>55.1 | 51.4<br>55.1 | 51.4<br>55.1         | 51.4<br>55.1         |
| ≥ 2000                     |     | 42.4<br>45.1<br>46.8 | 44.9         | 49.0<br>52.5  | 55.8                      | 53.1<br>56.8         | 58.8                 | 60.4                 | 56.9         | 58.0<br>62.0         | 62.2         | 58.2<br>62.2         | 58.3<br>62.3 | 58.3         | 58.3<br>62.3         | 58.3                 |
| ≥ 15(0<br>≥ 1200           |     | 49.4                 | 52.5         | 57.4<br>61.2  | 57.6                      | 58.6<br>62.2<br>66.2 | 60.6<br>64.2<br>68.5 | 62.2<br>65.8<br>70.1 | 66.4<br>70.7 | 63.9<br>67.5<br>71.9 | 67.7         | 67.7                 | 67.8<br>72.3 | 67.8<br>72.3 | 64.2<br>67.8<br>72.3 | 64.2<br>67.8<br>72.3 |
| ≥ 1000                     |     | 55.5                 | 59.4         | 67.9          | 69.8<br>72.0              | 71.1                 | 73.6                 | 75.3                 | 76.0         | 77.2                 | 77.5         | 72.1<br>77.5<br>80.0 | 77.7         | 77.7         | 77.8<br>80.3         | 77.8                 |
| ≥ 800                      |     | 59.3                 | 66.0         | 70.8          | 75.2                      | 76.6                 | 79.8                 | 81.6                 | 82.4<br>85.1 | 83.6                 | 83.9<br>86.7 | 83.9                 | 84.1         | 84.1         | 84.2                 | 84.2                 |
| ≥ 600                      |     | 62.7                 | 68.1         | 75.6          | 80.7<br>82.8              | 82.5                 | 86.2                 | 88.3                 | 89.0<br>92.1 | 90.3                 | 90.7         | 90.8                 | 91.0         | 91.0         | 91.1<br>94.7         | 91.1                 |
| ≥ 400                      |     | 64.3                 | 70.0         |               | 84.2                      | 86.4                 | 90.8                 | 93.1                 | 94.0         | 95.6                 |              | 96.6                 | 97.G         |              | 97.2                 | 97.2                 |
| ≥ 200<br>≥ 100             | ·   | 64.5                 | 70.5         | 78.8          | 84.9                      | 87.3<br>87.3         | 92.1                 | 95.0<br>95.1         | 96.0         | 97.6                 | 98.5         | 98.9                 | 99.3         | 99.4         | 99.4                 | 99.4                 |
| ≥ 0                        |     | 64.5                 | 70.5         | 78.8          |                           | 1111                 | 92.2                 | 95.2                 | 96.2         | 97.8                 |              |                      | 99.6         |              |                      | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1237

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYC 1AP JAPAN/FONSHU 47-60,71-72

JUN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING               |     |              |              |              |              |              | VIS          | BILITY ISTA  | ATUTE MILE   | ES:          |              |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥ 2'>        | ≥ 2          | ≥1';         | ≥1'₄         | ≥1           | ≥ ,*         | ≥,*          | ≥',          | ≥ 5 16       | 2.           | ≥0           |
| NO CEILING<br>≥ 20000 |     | 10,2         | 7.3<br>11.8  |              | 9.8<br>15.7  | 10.6<br>16.7 | 11.7         | 12.7         | 13.9<br>22.6 | 14.7         | 15.0<br>24.5 | 15.1<br>24.5 | 15.2         | 15.2<br>24.7 | 15.2<br>24.7 | 15.2<br>24.7 |
| ≥ 18000<br>≥ 16000    |     | 10.6         | 12.3<br>12.5 | 14.8<br>15.1 | 16.6         | 17.7         | 19.8<br>20.2 | 22.2         | 23.7         | 25.2<br>25.6 | 25.7<br>26.1 | 25.8<br>26.2 | 25.9         | 25.9<br>26.3 | 25.5         | 25.9         |
| ≥ 14000<br>≥ 12000    |     | 11.7         | 13.5<br>15.0 | 16.5<br>18.5 | 18.5<br>20.8 | 19.6<br>21.9 | 22.1<br>24.5 | 24.7         | 26.2<br>29.1 | 27,9<br>31.2 | 28.5<br>31.8 | 28.5         | 28.6         | 28.6<br>32.0 | 28.6         | 28.6<br>32.0 |
| ≥ 10000<br>≥ 9000     |     | 13.9         | 16.5         | 20.4         | 23.2         | 24.4         | 27.2         | 31.0         | 32.7         | 35.0<br>36.9 | 35.6<br>37.4 | 35.5<br>37.5 | 35.9<br>27.7 | 35.9<br>37.7 | 35.9<br>37.7 | 35.9         |
| ≥ 8000<br>≥ 7000      |     | 16.7         | 19.6         | 23.9<br>24.4 | 27.2<br>27.8 | 28.6         | 31.7         | 35.6         | 37.5<br>38.8 | 39.9<br>41.3 | 40.5         | 40.6         | 40.8         | 40.8         | 40.8         | 40.8         |
| ≥ 6000<br>≥ 5000      |     | 17.7<br>19.5 | 20.7         | 27.3         | 28.6<br>30.9 | 30.2         | 33.6<br>36.3 | 37.9<br>40.6 | 39.8<br>42.4 | 42.3         | 43.0<br>45.6 | 43.1         | 43.3<br>46.0 | 43.3         | 43.3         | 43.3         |
| ≥ 4500<br>≥ 4000      |     | 20.6         | 23.8         | 28.5<br>31.5 | 32.0<br>35.1 | 33.8<br>36.9 | 37,5<br>40.6 | 41.8         | 43.6         | 46.2         | 46.9<br>50.4 | 46.9<br>50.5 | 50.7         | 47.2<br>50.7 | 47.2<br>50.7 | 47.2<br>50.7 |
| ≥ 3500<br>≥ 3000      |     | 25.0         | 28.4         | 33.1         | 36.9<br>40.6 | 38.7<br>42.4 | 42.7         | 47.2<br>51.0 | 49.1<br>53.0 | 51.9<br>55.8 | 52.6<br>56.6 | 52.7<br>56.7 | 52.9<br>56.9 | 52.9<br>56.9 | 52.9<br>56.9 | 52.9<br>56.9 |
| ≥ 2500<br>≥ 2000      |     | 29.4<br>31.9 | 33.3         | 38.7         | 42.9         | 46.1         | 48.8<br>52.2 | 53.5<br>57.1 | 55.5<br>59.1 | 58.3<br>62.2 | 59.1<br>63.0 | 59.2<br>63.1 | 59.4<br>63.3 | 59.4         | 63.3         | 59.4         |
| ≥ 1800                |     | 32.7         | 36.8<br>39.6 | 42.6         | 46.9<br>50.2 | 49.0<br>52.4 | 56.9         | 58.3<br>62.2 | 64.2         | 63.4         | 68.3         | 64.3         | 64.5         | 64.5         | 64.5         | 64.5         |
| ≥ 1200<br>≥ 1000      |     | 36.8         | 41.8         |              | 53.6<br>56.9 | 56.0<br>59.6 | 60.8         | 70.6         | 68.4<br>72.7 | 71.6         | 72.6         | 77.7         | 73.1         | 73.1<br>78.1 | 73.1<br>78.1 | 73.1         |
| ≥ 900<br>≥ 800        |     | 40.6         | 46.7         | 52.3         |              | 63.1         | 68.5         | 72.3         | 74.4         | 77.9<br>80.5 | 79.3<br>81.9 | 79.5<br>82.3 | 79.8<br>82.6 | 79.9<br>82.7 | 79.9<br>82.7 | 79.9         |
| ≥ 700<br>≥ 600        |     | 41.6         | 48.0         | 57.5         | 64.9         | 65.8         | 71.6         | 78.0<br>82.8 | 80.1         | 84.0         | 85.6<br>91.1 | 91.5         | 86.2<br>91.9 | 86.3<br>91.9 | 86.4<br>92.1 | 92.1         |
| ≥ 500<br>≥ 400        |     | 43.3         | 50·1         | 58.2<br>59.4 | 65.8         | 71.2         | 76.3         | 84.4         | 86.9         | 90.9         | 92.8         | 93.2         | 93.6         | 93.7         | 93.9         | 97.0         |
| ≥ 300                 |     | 44.3         | 51.2         | 59.9<br>60.0 |              | 71.8         | 79.0         |              | 90.5         | 95.1         | 96.9<br>97.3 | 97.8         | 97.9<br>98.5 | 98.1<br>98.8 | 98.3         |              |
| ≥ 100<br>≥ 0          |     | 44.4         |              | 60.0<br>60.0 |              |              |              | 87.6<br>87.6 |              |              |              |              |              |              |              | 99.5         |

TOTAL NUMBER OF OBSERVATIONS

1240

USAF ETAC 10. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TOKYO JAP JAPAN/FUNSHU 47-60,71-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING               |         |              |              |              |              |              | VIS          | BILITY ISTA  | TUTE MILI    | ES:          |              |                     |              |              |              |               |
|-----------------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10     | ≥ 6          | ≥ 5          | ≥ 4          | ≥3           | ≥2;          | ≥ 2          | ≥1'2         | ≥1.          | ≥1           | ≥ 14         | ≥',                 | ≥ ;          | ≥5 16        | ≥ '4         | ≥0            |
| NO CEILING<br>≥ 20000 |         | 13.5         | 15.4         | 16.7         | 17.7         | 18.5         | 19.5<br>32.1 | 20.0         | 20.5<br>33.6 | 20.7         | 20.7         | 20.7                | 20.7         | 20.7         | 20.7         | 20.7          |
| ≥ 18000<br>≥ 16000    |         | 23.5         | 26.2         | 28.6         | 30.9         | 32.1         | 33.6         | 34.7         | 35.2<br>36.0 | 35.5<br>36.2 | 35.6         | 35.7<br>36.4        | 35.7<br>36.4 | 35.7<br>36.4 | 35.7         | 35.7<br>36.4  |
| ≥ 14000<br>≥ 12000    |         | 26.2<br>28.7 | 29.0         | 31.7         | 34.2<br>37.5 | 35.3         | 36.8         | 38.0<br>41.8 | 38.6         | 39.0<br>43.1 | 39.2<br>43.3 | 39.2<br>43.4        | 39.2         | 39.2         | 39.2         | 39.2<br>43.4  |
| ≥ 10000<br>≥ 9000     |         | 30.6         | 33.9<br>35.3 | 37.6<br>39.2 | 40.7         | 41.9         | 43.6         | 45.4         | 46.0         | 46.7<br>48.3 | 47.0<br>48.6 | 47.0<br>48.6        | 47.0         | 47.0<br>48.6 | 47.0         | 47.0<br>48.6  |
| ≥ 8000<br>≥ 7000      |         | 33.3         | 36.8<br>37.6 | 40.7         | 43.9         | 45.1         | 46.9         | 49.0<br>50.1 | 49.7<br>50.8 | 50.4<br>51.7 | 50.6<br>51.9 | 50.7<br>52.0        | 50.7         | 50.7<br>52.0 | 50.7<br>52.0 | 50.7<br>52.0  |
| ≥ 6000<br>≥ 5000      |         | 35.0<br>36.0 | -            | 42.7         | 46.1         | 47.4         | 49.3<br>50.4 | 51.5<br>52.6 | 52.2<br>53.3 | 53.2<br>54.3 | 53.5<br>54.6 | 53.6<br>54.7        | 53.6<br>54.7 | 53.6<br>54.7 | 53.6<br>54.7 | 54.7          |
| ≥ 4500<br>≥ 4000      |         | 36.8<br>39.6 | 43.5         | 47.6         | 48.1<br>51.0 | 49.4<br>52.4 | 51.3         | 53.5<br>56.5 | 54.2<br>57.3 | 55.2<br>58.2 | 55.5<br>58.5 | 55.6<br>58.6        | 55.6         | 55.6<br>58.6 | 55.6<br>58.6 | 58.6          |
| ≥ 3500<br>≥ 3000      |         | 41.5         | 45.5         | 49.6<br>52.4 | 53.0<br>55.8 | 54.5<br>57.3 | 56.3         | 58.7         | 59.5<br>62.8 | 60.4<br>64.0 | 64.3         | 60.8<br>64.4        | 60.8         | 60.8         | 60.8         | 64.4          |
| ≥ 2500<br>≥ 2000      |         | 46.0         | 54.3         | 55.4<br>59.4 | 59.3<br>63.6 | 60.8         | 67.3         | 70.3         | 66.4<br>71.1 | 67.5<br>72.2 | 67.9<br>72.6 | 67.9<br><u>72.6</u> | 67.9         | 67.9<br>72.6 | 67.9<br>72.6 | 72.6          |
| ≥ 1800<br>≥ 1500      |         | 49.8<br>51.8 | 96.9         | 62.7         | 64.4         | 66.0<br>68.7 | 68.2<br>71.1 | 71.2         | 72.0<br>75.0 | 73.1<br>76.2 | 73.4<br>76.6 | 73.5<br>76.6        | 73.5         | 73.5<br>76.6 | 73.5<br>76.6 | 76.6          |
| ≥ 1200<br>≥ 1000      |         | 53.6         | 60.8         |              | 71.9         | 71.1         | 73.8         | 77.3<br>80.5 | 78.1<br>81.5 | 79.2<br>82.7 | 79.7<br>83.3 | 79.8<br>83.3        | 79.8         | 79.8<br>83.3 | 79.8<br>83.3 | 83.3          |
| ≥ 900<br>≥ 800        |         | 56.1<br>57.3 |              | 70.6         | 76.3         | 75.8         | 78.9<br>81.9 | 82.6<br>85.8 | 83.7         | 84.8         | 85.4<br>89.1 | 85.5<br>89.2        | 89.2         | 89.2         | 85.5         | 89.2          |
| ≥ 700<br>≥ 600        |         | 58.2         | 65.5         |              |              |              | 84.4         | 91.4         | 89.8<br>92.7 | 91.4         | 95.5         | 92.3                | 95.7         | 95.7         | 92.3         | 92.3          |
| ≥ 500<br>≥ 400        |         | 59.0         | 65.9         | 74.2         | 81.0         |              | 88.7         | 93.5         | 94.0         | 97.1         | 98.2         | 98.3                | 98.5         | 98.5         | 98.5         | 98.5          |
| ≥ 300                 |         | 59.2<br>59.2 | 60.1         | 74.4         | 81.3         | 84.1<br>84.4 |              | 94.3         | 95.7<br>95.9 |              | 99,4         | 99,2                | 99.8         | 99.8         | 99.8         | 99.8          |
| ≥ 100<br>≥ 0          | <u></u> | 59.2         |              | 74.4         | 81.3         | 84.4<br>84.4 |              |              |              |              | 99.4         |                     |              | 1            |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS 1254

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

### CEILING VERSUS VISIBILITY

43311 TOKYU 1AP JAPAN HONSHU 47-60,71-72

NUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING             |     |              |              |              |              |              | VIS          | BILITY (ST.  | ATUTE MIL    | ES:          |              |              |              |              |               |               |
|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| feet                | ≥10 | ≥ 5          | ≥5           | ≥4           | ≥3           | ≥2'2         | ≥2           | ≥I °         | ≥1'          | ≥1           | ≥ 14         | ≥ ′₄         | ≥ '5         | ≥5 16        | ≥ .           | ≥0            |
| NO CEILING<br>20000 |     | 20.0<br>34.6 | 20.7<br>36.1 | 21.2         | 22.3<br>38.8 | 22.5         | 22.6<br>39.4 | 22.8<br>39.5 | 22.8         | 22.8<br>39.5 | 22.8<br>39.5 | 22.8<br>39.5 | 22.8         | 22.8<br>39.5 | 22.8          | 22.8<br>39.5  |
| ≥ 18000<br>≥ 16000  |     | 35.9<br>37.0 | 37.4         | 38.9<br>40.1 | 40.2         | 40.4         | 40.7         | 40.9<br>42.1 | 40.9         | 40.9         | 40.9<br>42.1 | 40.9         | 40.9         | 40.9         | 40.9          | 40.9<br>42.1  |
| ≥ 14000<br>≥ 12000  |     | 40.0<br>43.1 | 41.9         | 43.4         | 44.7         | 44.9         | 45.3         | 45.5         | 45.6<br>50.0 | 45.6<br>50.0 | 45.6<br>50.0 | 45.6         | 45.6         | 45.6<br>50.0 | 45.6          | 45.6<br>50.0  |
| ≥ 10000<br>≥ 9000   |     | 46.4         | 48.7         | 50.8<br>52.9 | 52.5<br>54.7 | 52.9<br>55.1 | 53.5<br>55.7 | 54.2<br>56.4 | 54.3<br>56.5 | 54.4<br>56.5 | 54.4<br>56.5 | 54.4<br>56.5 | 54.4<br>56.5 | 54.4<br>56.5 | 54.4<br>56.5  | 54.4<br>56.5  |
| ≥ 8000<br>≥ 7000    |     | 49.8<br>50.8 | 52.5<br>53.6 | 54.9<br>56.1 | 56.8<br>57.9 | 57.2<br>58.3 | 57.8<br>59.0 | 58.5<br>59.8 | 58.6<br>59.9 | 58.7<br>60.0 | 58.7<br>60.0 | 58.7<br>60.0 | 58.7<br>60.0 | 58.7         | 58.7          | 58.7<br>60.0  |
| ≥ 6000<br>≥ 5000    |     | 52.0         | 54.8<br>56.1 | 57.3<br>58.6 | 59.2<br>60.5 | 59.7<br>61.0 | 60.5         | 61.3         | 61.3         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4          | 61.4          |
| ≥ 4500<br>≥ 4000    |     | 54.6         | 57.3         | 59.9         | 61.7         | 62.3         | 63.1         | 63.9         | 64.0         | 64.1         | 64.1         | 67.1         | 64.1         | 67.1         | 64.1          | 64.1          |
| ≥ 3500<br>≥ 3000    |     | 59.8         | 63.0         | 65.8         | 67.8         | 68.4         | 69.3         | 70.1<br>73.1 | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2          | 70.2          |
| ≥ 7500<br>≥ 2000    |     | 64.2         | 67.7         | 70.6         | 73.2         | 73.9         | 75.0<br>78.4 | 76.1         | 76.3         | 76.4         | 76.5<br>80.0 | 76.5         | 76.5         | 76.5         | 76.5          | 76.5          |
| ≥ 1800<br>≥ 1500    |     | 67.9         | 71.5         | 74.5         | 77.2         | 78.2<br>81.1 | 79.4         | 80.5<br>83.6 | 80.7         | 80.8         | 80.9<br>84.0 | 80.9         | 80.9         | 80.9<br>84.0 | 80.9<br>84.0  |               |
| ≥ 1200<br>≥ 1000    |     | 71.2         | 75.2         | 78.5<br>80.5 | 81.4         | 82.7         | 84.1         | 85.2         | 85.5         | 85.6<br>88.9 | 85.7         | 85.7         | 85.7         | 85.7         | 85.7          | 85.7          |
| ≥ 900<br>≥ 800      |     | 73.7         | 77.9         | 81.3         | 84.4         | 86.0         | 88.1         | 89.6<br>91.5 | 89.9         | 90.3         | 90.8<br>92.8 | 90.8         | 90.8         | 90.8<br>92.8 | 90.8<br>92.8  |               |
| ≥ 700<br>≥ 600      |     | 75.6<br>76.2 | 80.0         | 84.0         | 87.5<br>88.3 | 89.5         | 92.1         | 93.8<br>95.4 | 94.1         | 94.6         | 95.2<br>97.1 | 95.2         | 95.2         | 95.2         | 95.2          | 95.2<br>97.1  |
| ≥ 500<br>≥ 400      |     | 76.2         | 80.6         | 84.5         | 88.8         | 90.5         | 93.7         | 96.1<br>96.9 | 96.4         | 97.3<br>98.2 | 97.8<br>98.9 | 97.8<br>98.9 | 97.8         | 97.8<br>98.9 | 97.8<br>98.9  | 98.9          |
| ≥ 300<br>≥ 200      |     | 76.3<br>76.3 | 80.8<br>80.9 | 85.2<br>85.2 | 89.0         | 91.2<br>91.3 | 94.7<br>94.8 | 97.3         | 97.6<br>97.7 | 98.9<br>99.0 | 99.6<br>99.8 | 99.8         | 99.6         | 99.6         | 99.6<br>99.8  |               |
| ≥ 100<br>≥ 0        |     | 76.3<br>76.3 | _            |              | 89.1         | 91.3<br>91.4 | 94.8         | 97.4         | 97.7<br>97.8 | 99.0<br>99.2 | 99.8         | 99.8<br>99.9 |              |              | 99.8<br>100.0 | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS .

1247

USAF ETAC 114 00 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO 1AP JAPAN/HUNSHU 47-60,71-72

JUN 1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| ·                      |     |              | ·            |              |                  |              |              |              |              |              |              |              |              |              |              | <del></del> -  |
|------------------------|-----|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| CEILIAN                |     |              |              |              |                  |              | VIS          | IBILITY (STA | TUTE MIL     | ES:          |              |              |              |              |              |                |
| tL'                    | ≥10 | ه≤           | ≥5           | ≥ 4          | ≥3               | ≥21,         | ≥ 2          | ≥1'2         | ≥114         | ≥1           | ≥ ,•         | ≥'•          | ≥ ,          | ≥ 5 16       | ≥'₄          | ≥0             |
| NO CEILIF 5<br>≥ 20000 |     | 17.9         | 18.2         | 18.6         | 19.4             | 19.6         |              | 19.7         | 19.7         | 19.7<br>37.1 | 19.7         | 19.7         | 19.7<br>37.1 | 19.7         | 19.7         | 19.7           |
| ≥ 18000<br>≥ 16000     |     | 35.8<br>37.4 | 36.7         | 37.7         | 38.8             | 39.0         | 39.1         | 39.1<br>41.0 | 39.1         | 39.1         | 39.1         | 39.1         | 39.1         | 39.1<br>41.0 | 39.1<br>41.0 | 39.1           |
| ≥ 14000<br>≥ 12000     |     | 40.2         | 41.7         | 43.0         | 44.2             | 44.5         | 44.6         | 44.6         | 44.6         | 44.6         | 44.6         | 44.6         | 44.6         | 44.6         | 44.6         | 44.6           |
| ≥ 10000<br>≥ 9000      |     | 46.8         | 49.0<br>51.0 | 50.8<br>52.9 | 52.4<br>54.4     | 52.6<br>54.6 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7 | 52.7<br>54.7   |
| ≥ 8000<br>≥ 7000       |     | 51.8<br>54.0 | 54.4<br>56.6 | 56.6<br>58.9 | 58 • 2<br>60 • 7 | 58.4<br>60.9 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5<br>61.0 | 58.5         | 58.5<br>61.0   |
| ≥ 6000<br>≥ 5000       |     | 55.1<br>57.4 | 57.8         | 60.3         | 62.2             | 62.5         | 62.6         | 62.6         | 62.6         | 62.6<br>65.1 | 62.6         | 62.6         | 62.6         | 62.6         | 62.6<br>65.1 | 62.6           |
| ≥ 4500<br>≥ 4000       |     | 58.6         | 61.4         | 63.9         | 65.7             | 66.1         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2<br>70.5 | 66.2<br>70.5 | 66.2<br>70.5   |
| ≥ 3500<br>≥ 3000       |     | 64.2         | 67.3         | 70.1         | 72.3             | 72.7<br>75.8 | 72.8         | 73.0         | 73.0         | 73.0         | 73.0<br>76.1 | 73.0         | 73.0         | 73.0         | 73.0         | 73.0<br>76.1   |
| ≥ 2500<br>≥ 2000       |     | 69.3<br>72.0 | 72.8         | 75.6<br>78.9 | 78.0<br>81.7     | 78.6         | 78.7         | 78.8<br>82.7 | 78.9<br>82.8 | 79.0         | 79.0<br>82.9 | 79.0<br>82.9 | 79.0         | 79.0<br>82.9 | 79.0         | 79.0           |
| ≥ 1800<br>≥ 1500       |     | 73.0         | 76.9         | 80.0         | 82.9<br>85.5     | 83.5         | 83.6         | 86.9         | 83.9         | 84.1         | 84.1<br>87.2 | 84.1<br>87.2 | 84.1         | 84.1<br>87.2 | 84.1         | 84,1           |
| ≥ 1200<br>≥ 1000       |     | 75.6         | 80.0         | 83.7         | 86.9<br>88.9     | 87.8         | 88.3<br>90.5 |              | 88.7<br>91.1 | 88.9<br>91.4 | 89.0         | 89.0<br>91.6 | 89.0<br>91.6 | 89.0<br>91.5 | 89.0<br>91.6 | 89.0<br>91.6   |
| ≥ 900<br>≥ 800         |     | 77.2         | 81.8         | 85.8         | 89.6<br>90.7     | 90.7         | 91.3         | 93.0         | 92.0<br>93.2 | 92.6         | 92.8         | 92.8         | 92.8         | 92.8         | 92.8         | 94.3           |
| ≥ 7.\*,<br>≥ 600       |     | 78.2         | 83.2         | 87.4<br>88.3 | 91.6<br>92.8     | 92.6         | 93.6<br>95.2 | 94.1<br>96.1 | 94.3         | 95.0         | 95.5<br>98.1 | 95.5<br>98.1 | 95.5<br>98.1 | 95.5         | 95.5<br>98.1 | 95.5<br>98.1   |
| ≥ 500<br>≥ 400         |     | 78.9<br>79.0 | 84.2         | 88.5         | 93.0             | 94.4         | 95.6<br>96.1 | 96.9         | 96.7<br>97.3 | 98.0         | 98.6         | 99.3         | 99.4         | 99.4         | 99.4         | 99.4           |
| ≥ 300                  |     | 79.1         | 84.2<br>84.4 | 88.7         | 93.3             | 94.8         | 96.4         | 97.1<br>97.4 | 97.4<br>97.7 | 98.9         | 99.5         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0          |
| ≥ 0<br>≥ 0             |     | 79.1         | 84.4         | 88.8         | 93.5             | 94.9         |              | 97.4         |              | 99.3         | 99.9         |              | 100.0        |              | [            | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1243

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

## CEILING VERSUS VISIBILITY

43311 TOKYO LAP JAPAN/HUNSHU 47-60.71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CERING                |     |              |              |              |              |                  | VIS          | IBILITY (STA | ATUTE MILI   | ES:          | ···              |              |              |              |                |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|----------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥212             | ≥ 2          | ≥1'7         | ≥1'4         | ≥1           | ≥ ,⁴             | ≥ ′•         | ≥ '2         | ≥ 5 16       | ≥ ,⁴           | ≥0           |
| NO CEILING<br>≥ 20000 |     | 14.4         |              | 15.7         | 16.4         | 16.4             | 16.7<br>31.5 | 16.7<br>31.5 | 16.7         | 16.7<br>31.7 | 16.7             | 16.7         | 16.7<br>31.7 | 16.7         | 16.7           | 16.7         |
| ≥ 18000<br>≥ 16000    |     | 28.1<br>28.8 | 29.9<br>30.8 | 30.9         | 31.8<br>32.8 | 31.9             | 32.2         | 32,2         | 32.3<br>33.3 | 32.4         | 32.4<br>33.4     | 32.4         | 32.4         | 32.4<br>33.4 | 32.4           | 32.4         |
| ≥ 14000<br>≥ 12000    |     | 31.7         | 34.0<br>38.1 | 35.2<br>39.9 | 36.4         | 36.5             | 36.8<br>41.7 | 36.8<br>41.7 | 36.9<br>41.7 | 37.0<br>41.8 | 37.0<br>41.8     | 37.0<br>41.8 | 37.0<br>41.8 | 37.0<br>41.8 | 37.0<br>41.8   | 37.0<br>41.8 |
| ≥ 10000<br>≥ 9000     |     | 38.8<br>40.3 | 42.2         | 44.5         | 45.9         | 46.1             | 46.4<br>48.2 | 46.4         | 46.5         | 46.6         | 46.6<br>48.3     | 46.6         | 46.6         | 46.6<br>48.3 | 46.6           | 46.6<br>48.3 |
| ≥ 8000<br>≥ 7000      |     | 43.1         | 46.7<br>50.3 | 49.5<br>53.1 | 51.2<br>54.9 | 51.3<br>55.0     | 51.7<br>55.4 | 51.7<br>55.4 | 51.7<br>55.4 | 51.8<br>55.5 | 51.9<br>55.6     | 51.9<br>55.6 | 51.9<br>55.6 | 51.9<br>55.6 | 51.9<br>55.6   | 51.9<br>55.6 |
| ≥ 6000<br>≥ 5000      |     | 48.9<br>50.6 | 52.8<br>54.6 | 55.7<br>57.6 | 57.5<br>59.5 | 57.7<br>59.7     | 58.0<br>60.1 | 58.0<br>60.3 | 58.1<br>60.4 | 58.2<br>60.4 | 58.3<br>60.5     | 58.3<br>60.5 | 58.3<br>60.5 | 58.3<br>60.5 | 58.3<br>60.5   | 58.3<br>60.5 |
| ≥ 4500<br>≥ 4000      |     | 52.0         | 56.0<br>59.5 | 59.0<br>62.8 | 60.9         | 61.2             | 61.6         | 61.7         | 61.8         | 61.9         | 62.0             | 66.2         | 62.0<br>66.2 | 62.0         | 62.0           | 62.0         |
| ≥ 3500<br>≥ 3000      |     | 57.6<br>60.8 | 64.9         | 65.1<br>68.4 | 67.4<br>70.7 | 67.7             | 68.1<br>71.5 | 68.3         | 68.4<br>71.8 | 68.5         | 68.6             | 72.0         | 68.6<br>72.0 | 68.6<br>72.0 | 68.6<br>72.0   | 68.6<br>72.0 |
| ≥ 2500<br>≥ 2000      |     | 62.5         | 70.7         | 70.3         | 72.7         | 73.0             | 73.5         | 73.8<br>78.4 | 73.9<br>78.5 | 74.0<br>78.6 | 74 • 1<br>78 • 7 | 74.1<br>78.7 | 74.1<br>78.7 | 74.1<br>78.7 | 74.1           | 74.1<br>78.7 |
| ≥ 1800<br>≥ 1500      |     | 69.9         | 72.3         | 76.4         | 79.0<br>81.8 | 79.4             | 79.9<br>82.9 | 80.3<br>63.2 | 80.3         | 80.5<br>83.5 | 80.7<br>83.6     | 80.7<br>83.6 | 80.7<br>83.6 | 80.7<br>83.6 | 80.7           | 80.7         |
| ≥ 1200<br>≥ 1000      |     | 71.9         | 76.7         | 81.3<br>82.6 | 84.4<br>85.7 | 85.0<br>86.4     | 85.7<br>87.3 | 86.1<br>87.8 | 86.2<br>88.0 | 86.4<br>88.2 | 86.5             | 86.5         | 86.5<br>88.3 | 86.5<br>88.3 | 86.5<br>88.3   | 86.5         |
| ≥ 900<br>≥ 800        |     | 73.2         | 78.3         | 84.7         | 86.2<br>87.9 | 86.9<br>88.6     | 87.8<br>89.7 | 90.3         | 88.6<br>90.5 | 88.9<br>90.8 | 89.1<br>91.3     | 89.1<br>91.3 | 89.1<br>91.3 | 89.1<br>91.3 | 89.2<br>91.4   | 91.4         |
| ≥ 700<br>≥ 600        |     | 75.4         | 80.7         | 96.0<br>87.2 | 89.4<br>90.7 | 90 • 1<br>91 • 5 | 91.3         | 94.4         | 92.5<br>94.8 | 92.8<br>95.3 | 93.3<br>95.8     | 93.3<br>95.8 | 93.3<br>95.8 | 93.3<br>75.8 | 93.4           | 93.4         |
| ≥ 500<br>≥ 400        |     | 76.4         | 82.0         | 88.0         |              | 92.2             | 93.8         | 95.3         | 95.7<br>96.5 | 96.5<br>97.4 | 97.3<br>98.5     | 97.3<br>98.5 | 97.3<br>98.5 | 97.3         | 97.4<br>98.6   | 97.4<br>98.6 |
| ≥ 300<br>≥ 200        |     | 76.7         |              | 88.3         | 91.9         | 93.0<br>93.0     | 95.2<br>95.2 | 96.8         | 97.2<br>97.3 | 98.1<br>98.4 | 99.4             | 99.4         | 99.4<br>99.8 | 99.5         | 99.6           |              |
| ≥ 100<br>≥ 0          |     | 76.7         | 82.4         | 88.3         | 91.9<br>91.9 | 93.0<br>93.0     | 95.2<br>95.2 | 96.9         | 97.3<br>97.3 | 98.4<br>98.4 | 99.6<br>99.6     | 99.7<br>99.7 | 99.8<br>99.8 | 99.9         | 100.0<br>100.0 | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1241

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 TUKYU IAP JAPAN/HUNSHU 47-60,71-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING                  |         |              |              |              |                      |              | VI\$                 | IBILITY /STA         | TUTE MIL             | ES                   |                      |              |                      |                      |                      |               |
|--------------------------|---------|--------------|--------------|--------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|---------------|
| (FEET)                   | ≥10     | ≥6           | ≥5           | ≥ 4          | ≥3                   | ≥2⅓          | ≥?                   | ≥112                 | 21.4                 | ≥1                   | ≥ 14                 | ≥'•          | ≥ ,                  | ≥5 16                | ≥ ′.                 | ≥0            |
| NO CEILING<br>≥ 20000    |         | 17.8         | 18.9         | 19.8         | 20.4                 | 20.6<br>31.4 | 20.7                 | 20.7                 | 20.7<br>31.6         | 20.8                 | 20.8                 | 20.8         | 20.8                 | 20.8                 | 20.8                 | 20.8          |
| ≥ 18000<br>≥ 16000       |         | 29.5         | 30.9         | 32.1         | 32.9                 | 33.8<br>33.8 | 33.2                 | 33.2<br>34.0         | 33.2<br>34.0         | 33.3<br>34.1         | 33.3                 | 33.3<br>34.1 | 33.3                 | 33.3                 | 33.3                 | 33.3          |
| ≥ 14000<br>≥ 12000       |         | 33.7<br>36.6 | 35.4         | 36.7         | 37.4                 | 37.6<br>41.4 | 37.7<br>41.5         | 37.8                 | 37.8<br>41.6         | 37.9<br>41.7         | 37.9<br>41.7         | 37.9<br>41.7 | 37.9<br>41.7         | 37.9<br>41.7         | 37.9<br>41.7         | 37.9          |
| ≥ 10000<br>≥ 9000        |         | 39.7<br>41.0 | 42.0         | 43.8<br>45.1 | 44.8                 | 45.0<br>46.5 | 45.2                 | 45.3                 | 45.3                 | 45.3<br>46.8         | 45.3                 | 45.3<br>46.8 | 45.3                 | 45.3                 | 45.3                 | 45.3          |
| ≥ 8000<br>≥ 7000         |         | 42.3         | 44.9         | 46.7         | 47.9<br>50.0         | 48.1<br>50.3 | 48.3<br>50.5         | 48.3<br>50.6         | 48.4<br>50.7         | 48.5<br>50.8         | 48.5<br>50.8         | 48.5<br>50.8 | 48.5<br>50.8         | 48.5<br>50.8         | 48.5<br>50.8         | 48.5<br>50.8  |
| ≥ 6000<br>≥ 5000         |         | 45.8         | 48.5<br>51.3 | 50.4<br>53.1 | 51.6<br>54.3         | 51.8<br>54.6 | 52.1<br>55.0         | 52.3<br>55.1         | 52.4<br>55.2         | 52.5<br>55.3         | 52.5<br>55.3         | 52.5<br>55.3 | 52.5<br>55.3         | 52.5<br>55.3         | 52.5<br>55.3         | 52.5<br>55.3  |
| ≥ 4500<br>≥ 4000         |         | 50.0         | 52.9<br>55.9 | 54.9<br>57.9 | 56.2<br>59.2         | 56.5<br>59.5 | 56.9<br>60.0         |                      | 57.2                 | 57.2<br>60.3         | 57.2<br>60.3         | 57.2<br>60.3 | 57.2                 | 57.2<br>60.3         | 57.2<br>60.3         | 57.2          |
| ≥ 3500<br>≥ 3000         |         | 56.0<br>58.4 | 58.9<br>61.5 | 61.0         | 62.3                 | 62.6         | 63.1                 | 63.2                 | 63.3                 | 63.4                 | 63.4                 | 63.4         | 63.4                 | 63.4                 | 63.4                 | 63.4          |
| ≥ 2500<br>≥ 2000         |         | 64.2         | 64.2<br>67.9 |              | 71.9                 | 68.1<br>72.2 | 68.6<br>72.7         | 68.8<br>73.0         | 68.9<br>73.0         | 69.0<br>73.1         | 69.0<br>73.1         | 69.0<br>73.1 | 73.1                 | 69.0<br>73.1         | 73.1                 | 73.1          |
| ≥ 1800<br>≥ 1500         |         | 65.7         | 69.4<br>72.3 | 71.8         | 76.4                 | 73.8         | 74.4                 | 74.7                 | 74.7                 | 74.9<br>78.0         | 74.9<br>78.0         | 74.9<br>78.0 | 74.9<br>78.0         | 74.9                 | 74.9<br>78.0         | 74.9<br>78.0  |
| ≥ 1200                   |         | 70.9         | 75.4<br>77.7 | 78.0<br>80.5 | 79.8<br>82.3         | 80.2         | 80.8                 | 83.9                 | 81.4                 | 81.6                 | 81.7                 | 81.7<br>84.4 | 84.4                 | 81.7                 | 81.7                 | 81.7          |
| ≥ 900<br>≥ 800<br>≥ 700  |         | 74.1         | 78.9<br>80.5 | 81.6         | 83.5                 | 84.0<br>85.8 | 84.7                 | 85.2                 | 85.3                 | 85.7<br>87.5         | 85.7<br>87.6         | 85.7<br>87.6 | 85.7                 | 85.7                 | 85.7<br>87.6         | 85.7<br>87.6  |
| ≥ 600)                   |         | 77.1         | 82.0         | 85.4         | 90.0                 | 90.9         | 99.1<br>92.0         | 92.7                 | 89.9<br>92.9         | 90.3                 | 90.4                 | 90.4         | 93.4                 | 90.4                 | 90.4                 | 90.4          |
| ≥ 5(10<br>≥ 400<br>≥ 300 |         | 78.5         | 83.8         | 88.0<br>89.3 | 91.0<br>92.8<br>93.4 | 94.0         | 93.7<br>95.8<br>96.8 | 94.4<br>96.7<br>97.9 | 94.6<br>96.8<br>98.1 | 95.0<br>97.2<br>98.5 | 95.2<br>97.7<br>99.0 | 95.2<br>97.7 | 95.3<br>97.8<br>99.2 | 95.3<br>97.8<br>99.2 | 95.3<br>97.8<br>99.2 | 95.3<br>9; 1  |
| ≥ 200                    |         | 79.7         | 85.0         | 90.0         | 93.7                 | 95.1         | 97.2                 | 98.3                 | 98.5                 | 98.9                 | 99.5                 | 99.5         | 99.8                 | 99.8                 | 99.8                 | 99.8          |
| ≥ 100                    | <u></u> | 79.7         | 85·3         | 90.0         | 1 4 7 14             | 95.1         | 97.2                 | 98.4<br>98.4         | 98.5<br>98.5         | 99.0                 | 1 1                  | 99.0<br>99.6 | 99.8                 |                      |                      | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1235

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TURYU IAP JAPAN/HONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING               |     |              |              |              |              |                  | VIS          | IBILITY (STA | ATUTE MILI   | £\$:         |              |              |              |              | <u> </u>     |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2′2             | ≥ 2          | ≥1 ;         | ≥1'4         | ≥1           | ≥ 14         | ≥`•          | ≥ '2         | ≥ 5 16       | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 25.8         | 26.6         | 28.3         | 29.6<br>34.8 | 30.0             | 30.6<br>36.0 | 31.2         | 31.2         | 31.2         | 31.2<br>36.6 | 31.2         | 31.2         | 31.2         | 31.2         | 31.2          |
| ≥ 18000<br>≥ 16000    |     | 30.7         | 31.7         | 33.9         | 35.3<br>35.8 | 35.7             | 35.4<br>36.9 | 37.0         | 37.1         | 37.1         | 37.1<br>37.6 | 37.1<br>37.6 | 37.1         | 37.1         | 37.1<br>37.6 | 37.1<br>37.6  |
| ≥ 14000<br>≥ 12000    |     | 33.5<br>37.1 | 34.8<br>38.6 | 37.5<br>41.6 | 38.9         | 39.3             | 40.0         | 40.8<br>45.2 | 40.8         | 40.8<br>45.5 | 40.8<br>45.5 | 40.8         | 40.8         | 40.8         | 40.8<br>45.5 | 40.8<br>45.5  |
| ≥ 10000<br>≥ 9000     |     | 39.3         | 40.8         | 43.9         | 45.6<br>46.8 | 46.0             | 46.8<br>48.0 | 47,6         | 47.8<br>49.1 | 48.0<br>49.2 | 48.0         | 48.0         | 48.0         | 48.0         | 48.0<br>49.2 | 48.0          |
| ≥ 8000<br>≥ 7000      |     | 42.3<br>44.1 | 43.9<br>45.8 | 47.0         | 48.6         | 49.1<br>51.0     | 49.8<br>51.7 | 50.8<br>52.6 | 51.0<br>52.9 | 51.1<br>53.0 | 51.1<br>53.0 | 51.1<br>53.0 | 51.1<br>53.0 | 51.1<br>53.0 | 51.1<br>53.0 | 51.1<br>53.0  |
| ≥ 6000<br>≥ 5000      |     | 45.4         | 47.1         | 50.2<br>52.5 | 51.9<br>54.1 | 52.3<br>54.6     | 53.1<br>55.3 | 54.0<br>56.2 | 54.2<br>56.5 | 54.4<br>56.6 | 54.4         | 54.4<br>56.6 | 54.4<br>56.6 | 54.4<br>56.6 | 54.4<br>56.6 | 54.4          |
| ≥ 4500<br>≥ 4000      |     | 48.9<br>51.3 |              | 53.8<br>56.1 | 55.5<br>57.8 | 55.9<br>58.3     | 56.7<br>59.0 | 57.6         | 57.8<br>60.1 | 58.0         | 58.0<br>60.3 | 58.0         | 58.0<br>60.3 | 58.0<br>60.3 | 58.0<br>60.3 | 58.0<br>60.3  |
| ≥ 3500<br>≥ 3000      |     | 53.7         | 55.5<br>57.8 | 58.6<br>61.0 | 60.4<br>62.8 | 60.9             | 61.6         | 62.5         | 62.8         | 62.9         | 62.9         | 62.9         | 62.9         | 62.9         | 62.9         | 62.9<br>65.3  |
| ≥ 2500<br>≥ 2000      |     | 57.5         | 59.4         | 62.7         | 64.7         | 65.2<br>68.4     | 66.0         | 66.9<br>70.3 | 67.1<br>70.5 | 67.3<br>70.6 | 67.3         | 67.3         | 67.3         | 67.3<br>70.7 | 67.3<br>70.7 | 67.3          |
| ≥ 1800<br>≥ 1500      |     | 61.3         |              |              | 68.8         | 69.2<br>72.0     | 70.2         | 71.1<br>73.9 | 71.3         | 71.5         |              | 71.6         | 71.6         | 71.6         | 71.6<br>74.5 | 71.6          |
| ≥ 1200<br>≥ 1000      |     | 68.5         | 70.6         | 1 4 3 7 3    | 77.3<br>81.5 | 78 · 1<br>82 · 3 | 79.3<br>83.5 |              | 80.6<br>84.8 | 80.8<br>85.1 | 80.9<br>85.2 | 80.9<br>85.2 | 80.9<br>85.2 | 80.9<br>85.2 | 80.9<br>85.2 | 80.9<br>85.2  |
| ≥ 900<br>≥ 800        |     | 73.3         | 75.6<br>78.5 |              | 83.1<br>86.5 | 83.9<br>87.3     | 85.1<br>88.5 | 86.2<br>89.6 | 86.6<br>90.0 | 86.9<br>90.3 |              | 86.9<br>90.5 | 86.9<br>90.5 | 86.9<br>90.5 | 86.9<br>90.5 | 86.9<br>90.5  |
| ≥ 700<br>≥ 600        | -   | 77.4         |              |              | 90.8         | 89.0<br>91.7     | 93.3         |              | 91.7         | 92.0<br>95.2 |              |              | 92.2<br>95.4 | 92.2<br>95.4 | 92.2<br>95.4 | 95.4          |
| ≥ 500<br>≥ 400        |     | 80.0         | 83.6         | 89.0         | 92.0<br>92.7 | 93.0<br>93.7     | 95.6         | 96.8         | 96.5<br>97.3 | 96.8<br>97.7 | 97.9         | 98.0         | 98.0         | 98.0         | 97.1<br>98.0 | 98.0          |
| ≥ 300<br>≥ 200        |     | 80.6         |              |              | 93.2<br>93.2 | 94.1             |              | 97.7         | 98.0         | 98.7         | 99.1         | 99.2         |              | 99.3         | 99.3         | 99.3          |
| ≥ 100<br>≥ 0          |     | 80.6         |              |              |              | 94.3             |              |              |              |              |              |              | 99.6<br>99.7 |              |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1332

USAF ETAC JULICA 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

2

43311 TUKYL TAP JAPANCHONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING               |     |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MILI   | ES:          |              |              |              |              |                  |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥ 3          | ≥2 7         | ≥?           | ≥1%          | ≥1'4         | ≥1           | ≥ 34         | ≥ ',         | ≥ 1⁄2        | ≥5 16        | ≥ .              | ≥0            |
| NO CEILING<br>≥ 20000 |     | 16.3         | 17.1         | 18.9         | 20.7         | 21.2<br>26.8 | 22.3<br>28.2 | 23.3         | 23.4         | 23.9<br>30.0 | 24.1<br>30.4 | 24.3<br>30.5 | 24.4<br>30.7 | 24.4         | 24.5<br>30.8     | 24.6<br>30.8  |
| ≥ 18000<br>≥ 16000    |     | 20.7         | 22.2         | 24.3         | 26.3<br>26.8 | 27.0<br>27.5 | 28.4<br>28.9 | 29.7<br>30.2 | 29.9<br>30.3 | 30.4         | 30.8<br>31.2 | 30.9         | 31.1<br>31.6 | 31.1<br>31.6 | 31.1<br>31.7     | 31.2          |
| ≥ 14000<br>≥ 12000    |     | 23.1         | 24.6         | 27.0         | 29.0         | 29.7<br>33.6 | 31.4<br>35.3 | 32.7         | 32.9         | 33.4<br>37.6 | 33.8<br>37.9 | 33.9         | 34.1<br>38.3 | 34.1         | 34.2             | 34.3          |
| ≥ 10000<br>≥ 9000     |     | 28.7         | 30.7         | 33.5<br>35.5 | 35.6<br>37.6 | 36.4<br>38.4 | 38.2         | 39.8         | 40.0<br>42.3 | 40.6         | 41.1<br>43.3 | 41.2         | 41.5         | 41.5         | 41.5<br>43.8     | 41.6          |
| ≥ 8000<br>≥ 7000      |     | 32.4         | 34.5         | 37.5         | 39.7         | 40.4         | 42.3         | 44.1         | 44.3         | 44.9         | 45.4<br>47.5 | 45.5         | 45.7         | 45.7         | 45.8             | 45.9<br>48.1  |
| ≥ 6000<br>≥ 5000      |     | 35.0         | 37.6         | 40.8         | 43.0<br>45.5 | 43.8         | 45.7         | 47.6<br>50.3 | 47.8<br>50.5 | 48.4<br>51.1 | 49.0<br>51.6 | 49.1<br>51.8 | 49.3<br>52.0 | 49.3<br>52.0 | 49.4<br>52.1     | 49.5<br>52.2  |
| ≥ 4500<br>≥ 4000      |     | 38.4         | 41.2         | 44.6         | 46.8         | 47.6<br>49.8 | 47.6<br>51.8 | 51.6<br>53.8 | 51.8<br>54.0 | 52.4<br>54.6 | 52.9<br>55.2 | 53.1<br>55.3 | 53.3<br>55.5 | 53.3<br>55.5 | 53.4<br>55.6     | 53.4<br>55.7  |
| ≥ 3500<br>≥ 3000      |     | 41.8         | 44.8         | 48.3         | 50.5         | 51.3<br>52.8 | 33.4<br>54.8 | 55.4<br>56.8 | 55.6<br>57.0 | 56.2<br>57.6 | 56.7<br>58.2 | 56.9<br>58.4 | 57.1<br>58.6 | 57.1<br>58.6 | 57.2<br>58.7     | 57.3<br>58.8  |
| ≥ 2500<br>≥ 2000      |     | 44.5         | 47.5         | 51.3<br>55.3 | 53.6<br>57.9 | 54.4<br>58.8 | 56.5         | 58.5<br>63.0 | 58.8<br>63.2 | 59.4<br>63.8 | 60.0<br>64.5 | 60.2         | 64.9         | 60.4         | 60.5             | 65.0          |
| ≥ 1800<br>≥ 1500      | _   | 48.4<br>50.5 | 51.6<br>54.3 | 56.0<br>58.7 | 58.6<br>61.7 | 59.7<br>62.9 | 61.8         | 63.8<br>67.2 | 64.1         | 64.7<br>68.1 | 65.3<br>68.8 | 65.5<br>68.9 | 65.7         | 65.7<br>69.2 | 65.8<br>69.2     | 65.9          |
| ≥ 1200<br>≥ 1000      |     | 53.2<br>56.8 | 57.4         | 61.9         | 65.2         | 70.7         | 69.0<br>73.4 | 71.3<br>75.6 | 71.5<br>75.8 | 72.2<br>76.6 | 72.8         | 73.0         | 73.2         | 73.2         | 73.3             | 73.4<br>77.8  |
| ≥ 900<br>≥ 800        |     | 58.6         |              | 68.0<br>72.2 | 71.5         | 73.1<br>77.6 | 75.9<br>80.8 | 78.1<br>83.2 | 78.4<br>83.5 | 79.1<br>84.4 | 79.8<br>85.0 | 79.9<br>85.2 | 80.2<br>85.6 | 80.2<br>85.6 | 80 • 2<br>85 • 6 | 80.3<br>85.7  |
| ≥ 700<br>≥ 600        |     | 62.9         |              | 74.2         | 78.2<br>81.2 | 79.9<br>83.2 | 83.2<br>86.6 | 85.6<br>89.1 | 85.9<br>89.5 | 86.9<br>90.6 | 87.6<br>91.3 | 87.7<br>91.5 | 88.1<br>91.9 | 88.1<br>91.9 | 88 • 2<br>92 • 1 | 88.2<br>92.2  |
| ≥ 500<br>≥ 400        |     | 65.9         | 72.9         | 79.3<br>80.2 | 83.8         | 86.1<br>87.4 | 89.7<br>91.5 | 92.4         | 93.0<br>95.0 | 96.3         | 94.9         | 95.1<br>97.5 |              | 95.5<br>98.0 |                  | 95.9<br>98.4  |
| ≥ 300<br>≥ 200        |     | 66.7         | 74.0         | 80.5         | 85.6         | 88.0         | 91.8         | 94.7<br>95.1 | 95.3<br>95.7 | 96.6         | 97.7<br>98.3 | 97.8<br>98.4 | 99.0         |              |                  |               |
| ≥ 100<br>≥ 0          |     | 66.7         | 74.0         | 80.5<br>80.5 | 85.6         |              | 92.1<br>92.1 | 95.1<br>95.1 | 95.7<br>95.7 | 97.2<br>97.2 | 98.3<br>98.3 | 98.4<br>98.4 |              |              |                  | 99.6<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1336

USAF ETAC JUL 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYE JAP JAPAN/HONSHU 47-60,71-72

484F

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY (ST  | ATUTE MIL    | ES           |              |              |              |              |              |                |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| FEET                  | ≥10 | ≥6           | ∆1.5         | ≥ 4          | ≥3           | ≥ 2 1/7      | ≥ 2          | ≥1'7         | ≥1'•         | ≥1           | ≥ 3,4        | ≥,•          | ≥ ,          | ≥5 16        | ≥ 4          | ≥0             |
| NO CEILING<br>≥ 20000 |     | 10.9         | 12.1         | 14.7         | 16.5<br>22.5 | 17.0         | 18.2         | 19.3<br>26.2 | 20.0         | 20.6         | 21.2         | 21.2         | 21.3         | 1            | 21.3         | 21.4           |
| ≥ 18000<br>≥ 16000    |     | 15.6         | 17.2         | 20.6         | 23.0         | 23.5         | 24.9<br>25.0 | 26.7<br>26.8 | 27.5         | 28.5<br>28.6 | 29.4         | 29.5         | 29.8         | L            | 29.8<br>30.0 |                |
| ≥ 14000<br>≥ 12000    |     | 16.7         | 18.3         | 22.1         | 24.8<br>28.8 | 25.4<br>29.5 | 27.0         | 29.1<br>34.1 | 30.0<br>35.1 | 31.0         | 32.0<br>37.3 | 32.2<br>37.6 | 32.6<br>38.0 | 32.6<br>38.0 | 32.6<br>38.0 | 32.7           |
| ≥ 10000<br>≥ 9000     |     | 20.9         | 23.2         | 27.8         | 31.4         | 32.0<br>33.6 | 34.5         | 36.9         | 38.1         | 39.5         | 40.7         | 40.9         | 41.4         | 41.4         | 41.4         | 41.6           |
| ≥ 8000<br>≥ 7000      |     | 23.0         | 25.6         | 30.8         | 34.9<br>35.9 | 35.7         | 38.5         | 41.0         | 42.2<br>43.5 | 43.7         | 44.9         | 45.1         | 45.7         | 45.7         | 45.7         | 45,8           |
| ≥ 6000<br>≥ 5000      |     | 24.7         | 27.6         | 33.2         | 37.5         | 36.3         | 41.4         | 44.0         | 45.2         | 46.6         | 47.9<br>50.2 | 48.1         | 48.7         | 48.7<br>51.1 | 48.7<br>51.1 | 48.9           |
| ≥ 4500<br>≥ 4000      |     | 27.0<br>28.6 |              | 36.0         | 40.6<br>42.6 | 41.7         | 44.9         | 47.6<br>50.1 | 48.8<br>51.5 | 50.3<br>53.1 | 51.6<br>54.4 | 51.9         | 52.5         | 52.5<br>55.3 | 52.5<br>55.3 | 52.6           |
| ≥ 3500<br>≥ 3000      |     | 29.8         | 33.2         | 39.3         | 44.3         | 45.6         | 49.0         | 51.9<br>53.6 | 53.4<br>55.1 | 54.9<br>56.7 | 56.3<br>58.0 | 56.6<br>58.3 | 57.2<br>58.9 | 57.2<br>58.9 | 57.2<br>58.9 | 57.3           |
| ≥ 2500<br>≥ 2000      |     | 32.2         | 35.9         | 42.5         | 47.7         | 49.2<br>53.1 | 52.9<br>57.1 | 55.1<br>60.4 | 57.7<br>62.0 | 59.3<br>63.8 | 7.7.7        | 61.1         | 61.7         | 61.7         | 61.7         | 61.8           |
| ≥ 1800<br>≥ 1500      |     | 36.3<br>38.3 | 40.5         | 47.3<br>50.1 | 52.7<br>55.4 | 54.3<br>57.2 | 58.3         | 61.7         | 63.3         | 65.1         | 66.5         | 66.8         | 70.9         |              | 67.4         |                |
| ≥ 1200<br>≥ 1000      |     | 41.2         | 46.1         | 53.3<br>56.5 | 58.7<br>62.2 | 60.7         | 65.2<br>69.3 | 69.1<br>73.6 | 70.6         | 72.8         |              | 74.7         | 75.4         |              | 75.4         | 75.6           |
| ≥ 900<br>≥ 800        |     | 45.4         |              | 58.3<br>60.7 | 64.2         | 66.3         | 71.5         | 75.9         | 77.6         | 80.2         |              | 82.4         | 83.2         | 83.2         | 83.2         | 83,4           |
| ≥ 700<br>≥ 600        |     | 47.8<br>48.5 |              | 62.3         | 68.9         | 71.2         | 76.7<br>78.8 | 81.7<br>84.1 | 83.5         | 86.4         | 88.5         | 88.9         | 89.7         |              | 89.7         | 89.9           |
| ≥ 500<br>≥ 400        |     | 49.6         |              | 65.0<br>65.4 | 72.2         | 75.0<br>75.5 | 80.9         |              | 88.7<br>89.7 | 92.5         |              | 95.5         | 96.5         | 96.5         | 96.7         | 96.9           |
| ≥ 300<br>≥ 200        |     | 49.7         |              | 65.4         | 72.7         | 75.5<br>75.5 | 81.5         | 87.5<br>87.6 |              |              |              | 97.6         | 98.7         |              | 99.0         | . " -          |
| ≥ 100<br>≥ 0          |     | 49.7         | 55.9<br>55.9 |              | 72.7         | 75.5<br>75.5 | 81.6         | 87.6<br>87.6 |              |              |              | 98.0<br>98.0 | 99.1         | 99.2         |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS ...

1342

USAF ETAC 10164 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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### CEILING VERSUS VISIBILITY

43311 TOKYE TAP JAPANCHONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-1100

| CEILING               |     |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MIL    | ES           |              |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2;          | ≥ 2          | ≥1.          | ≥1'4         | ≥1           | ≥34          | ≥ ′•         | ≥':          | ≥5 16        | ≥'.          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 20.3         |              | 23.6<br>33.6 | 1 1 1 1 1    | 26.2<br>36.7 | 26.8<br>37.8 | 27.7<br>39.1 | 27.8<br>39.3 | 28.0<br>39.9 | 28.1<br>39.9 | 28.1<br>39.9 | 28.1<br>39.9 |              | 28.1<br>39.9 | 28.1<br>39.9 |
| ≥ 18000<br>≥ 16000    |     | 30.5         | 31.9<br>32.1 | 34.4         | 36.6<br>36.7 | 37.6<br>37.8 | 38.8<br>36.9 | 40.1<br>40.2 | 40.3<br>40.5 | 40.8         | 40.9<br>41.1 | 40.9         | 40.9         | 40.9<br>41.1 | 40.9         | 40.9<br>41.1 |
| ≥ 14000<br>≥ 12000    |     | 32.4         | 33.9<br>38.3 | 36.4         | 38.8<br>44.1 | 40.0         | 41.3<br>46.8 | 42.8<br>46.4 | 43.0         | 43.7         | 43.8<br>49.7 | 43.8         | 43.8         | 43.8         | 43.8         | 43.8         |
| ≥ 10000<br>≥ 9000     |     | 40.4         | 42.8         | 46.2<br>47.1 | 49.1<br>50.0 | 50.7<br>51.7 | 52.0<br>52.9 | 53.8<br>54.8 | 54.3<br>55.2 | 55.1<br>56.1 | 55.3<br>56.3 | 55.3<br>56.3 | 55.3<br>56.3 | 55.3<br>56.3 | 55.3<br>56.3 | 55.3<br>56.3 |
| ≥ 8000<br>≥ 7000      |     | 42.5         | 44.9         | 48.6         | 51.7<br>53.3 | 53.4<br>55.0 | 54.9         | 56.9<br>58.6 | 57.3<br>59.1 | 58.1<br>60.0 | 58.4<br>60.2 | 58.4         | 58.4         | 58.4<br>60.2 | 58.4<br>60.2 | 58.4<br>60.2 |
| ≥ 6000<br>≥ 5000      |     | 44.8         | 47.6         | 51.6<br>53.5 | 55.0<br>57.0 | 56.7<br>58.7 | 58.4         | 60.4         | 60.9         | 61.8         | 62.0         | 62.C         | 62.0         | 62.0         | 62.0         | 62.0         |
| ≥ 4500<br>≥ 4000      |     | 47.1         | 49.9         | 54.0<br>58.1 | 57.5<br>61.5 | 59.2<br>63.5 | 60.9         | 63.0         | 63.5         | 64.4         | 64.7         | 64.7         | 64.7         | 64.7         | 64.7         | 64.7         |
| ≥ 3500<br>≥ 3000      |     | 51.5<br>53.4 | 54.6<br>56.5 | 59.1<br>61.2 | 62.7         | 64.6         | 66.6         | 68.9         | 69.5         | 70.4         | 70.7         | 70.7         | 70.7<br>73.8 | 70.7         | 70.7         | 70.7<br>73.8 |
| ≥ 256v<br>≥ 2000      |     | 55.5<br>57.8 | 58.8<br>61.2 | 63.7         | 67.6         | 69.6         | 71.9         | 74.5         | 75.2<br>78.6 | 76.2<br>79.7 | 76.5         | 76.6         |              | 76.6<br>80.1 | 76.6<br>80.1 | 76.6<br>80.1 |
| ≥ 1800<br>≥ 1500      |     | 58.6         |              |              | 71.7         | 73.9         | 76.2         | 79.1<br>82.2 | 79.9         | 80.9         | 81.4         | 81.4         | 81.4         | 81.4         | 81.4         | 81.4         |
| ≥ 1200<br>≥ 1000      |     | 62.6         |              | 72.4         | 77.0         | 79.4<br>81.7 | 82.3         | 85.2<br>87.7 | 86.3         | 87.5<br>90.3 | 88.0         | 88.0         | 88.1         | 88.1         | 88.1         | 88.1<br>91.0 |
| ≥ 900<br>≥ 800        |     | 64.4         | 69.1         | 75.4         | 80.3         | 82.8<br>83.6 | 85.8<br>86.8 | 88.9         | 90.1         | 91.5         |              | 92.1         | 92.3         | 92.3<br>93.5 | 92.3         | 92.3<br>93.5 |
| ≥ 700<br>≥ 600        |     | 65.5         | 70.3         | 76.8         |              | 84.6         | 88.0         |              | 92.7         | 94.3         | 95.1         | 95.1         | 95.2         |              | 95.2<br>96.9 | 95.2         |
| ≥ 500<br>≥ 400        |     | 66.1         |              |              | 83.7         | 86.6         | 90.5         |              | 95.5         |              |              | 98.6         | 98.7         | 98.7         | 98.7         | 98.7<br>99.7 |
| ≥ 300<br>≥ 200        |     | 66.3         |              |              | 84.0         |              | 91.0         | 94.7         | 96.1         | 98.2         | 99.6         | 99.6         | 99.8         |              | 99.8         | 99.8         |
| ≥ 100<br>≥ 0          |     | 66.3         | 71.8         | 78.5         | 84.0<br>84.0 |              | 4.7.6        |              | 96.3<br>96.3 | 98.4         | 99.8         | 99.9         | 100.0        |              | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1347

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HUNSHU 47-60,71-72

WANT -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING               |     |              |              |              |              |                  | VIS          | BILITY STA   | ATUTE MILI   | ES,          |              |              |              |              |                |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| .FEET+                | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 ;             | ≥ 2          | ≥1';         | ≥1.          | ≥1           | ≥ 34         | ≥'•          | ≥,           | ≥5 16        | ≥ .            | ≥0           |
| NO CEILING<br>≥ 20000 |     | 30.3         | 31.4         | 33.1<br>48.5 | 35.3<br>50.8 | 35.6<br>51.3     | 35.8<br>51.7 | 35.9<br>51.8 | 35.9<br>51.9 | 35.9<br>51.9 | 35.9<br>51.9 | 35.9<br>51.9 | 35.9<br>51.9 | 35.9<br>51.9 |                | 35.9<br>51.9 |
| ≥ 18000<br>≥ 18000    |     | 45.0         | 47.2         | 49.1<br>49.6 | 51.5<br>51.9 | 52.0<br>52.4     | 52.4<br>52.8 | 52.5<br>52.9 | 52.6<br>53.0 | 52.6<br>53.0 | 52.6<br>53.0 | 52.6<br>53.0 | 52.6<br>53.0 | 52.6<br>53.0 | 52.6<br>53.0   | 52.6<br>53.0 |
| ≥ 14000<br>≥ 12000    | ·   | 47.3<br>51.2 | 49.9<br>54.3 | 52.1<br>56.8 | 54.6<br>59.4 | 55 • 2<br>60 • C | 55.6<br>60.5 | 55.7<br>60.7 | 55.8<br>60.8 | 55.8<br>60.8 | 55.8<br>60.8 | 55.8<br>60.8 | 55.8<br>60.8 | 55.0         | 55.8<br>60.8   | 55.8<br>60.8 |
| ≥ 10000<br>≥ 9000     |     | 55.9<br>57.5 | 59.3<br>60.9 | 62.1<br>63.7 | 64.8<br>66.5 | 65.5             | 66.1         | 66.3<br>68.0 | 66.3<br>68.1 | 66.3<br>68.1 | 66.3<br>68.1 | 66.3<br>68.1 | 66.3<br>68.1 | 66.3<br>68.1 | 66.3<br>68.1   | 66.3         |
| ≥ 8000<br>≥ 7000      |     | 60.2         | 64.1<br>65.2 | 66.9<br>68.2 | 70.0         | 70.8<br>72.0     | 71.4<br>72.8 | 71.6<br>73.0 | 71.7         | 71.7<br>73.2 | 71.7<br>73.2 | 71.7         | 71.7         | 71.7<br>73.2 | 71.7<br>73.2   | 71.7         |
| ≥ 6000<br>≥ 5000      |     | 62.2         | 66.1         | 69.3         | 72.5<br>74.8 | 73.2             | 74.1<br>76.5 | 74.3         | 74.4         | 74.4<br>76.9 | 74.4         | 74.4         | 74.4         | 74.4         | 74.4<br>76.9   | 74.4<br>76.9 |
| ≥ 4500<br>≥ 4000      | _   | 64.8         |              | 72.7         | 76.1<br>79.7 | 76.9<br>80.6     | 77.8         | 78.1<br>81.8 | 78.2<br>82.0 | 78.2<br>82.0 | 78.2<br>82.0 | 78.2<br>82.0 | 78.2<br>82.0 | 78.2<br>82.0 | 78.2<br>82.0   |              |
| ≥ 3500<br>≥ 3000      |     | 70.5         |              | 79.0         | 82.7         | 81.8<br>83.6     | 82.8<br>84.5 | 83.0         | 83.1         | 83.1<br>84.9 | 83.1         | 83.1         | 83.1         | 83.1         | 83.1<br>84.9   |              |
| ≥ 2500<br>≥ 2000      |     | 72.6         | 79.2         | 81.4         | 87.7         | 86.2<br>88.7     | 87.2         | 90.4         | 90.6         | 87.7<br>90.7 | 87.7<br>90.8 | 87.7<br>90.8 | 87.7<br>90.8 | 87.7<br>90.8 | 87.7<br>90.8   |              |
| ≥ 1800<br>≥ 1500      |     | 74.9<br>76.1 | 79.5<br>80.9 | 85.4         | 89.9         | 89.1<br>90.9     | 90.1         |              | 92.9         | 91.2<br>93.1 | 91.2         | 91.2         | 91.2         | 91.2         | 91.2           | 91.2         |
| ≥ 1200<br>≥ 1000      |     | 77.7         |              | 88.4         | 91.8         | 94.1             | 94.2<br>95.6 | 96.2         | 95.1<br>96.5 | 95.2<br>96.7 | 95.4         | 95.4<br>97.0 | 97.0         |              |                |              |
| ≥ 900<br>≥ 800        |     | 78.6         | 63.9         | 88.4         | 93.5         | 94.2             | 95.7<br>96.0 |              |              | 96.8<br>97.3 | 97.6         | 97.1<br>97.6 |              | 97.1<br>97.6 | 97.1<br>97.6   |              |
| ≥ 700<br>≥ 600        |     | 78.9         | 84.4         | 89.2         | 94.0         | 95.0             | 96.3         | 97.6         | 97.4         | 97.8<br>98.2 | 98.6         | 98.2<br>98.6 | 98.6         | 98.6         |                | 98.6         |
| ≥ 500<br>≥ 400        |     | 79.4         | 84.8         | 89.5         | 94.8         | 95.4             | 97.4         |              | 98.5         | 99.3         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9           | 99.9         |
| ≥ 300                 |     | 79.4         | 84.8         | 89.8         | 94.9         | 95.9             |              | 98.7         | _            | 99.5         | 99.9         | 99.9         |              | 100.0        |                | 100.0        |
| ≥ 100<br>≥ 0          |     | 79.4         | 84.8         |              | - ' • :      |                  |              | I : : *      |              |              |              |              |              |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS

1358

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HONSHU 47-60-71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING               |     |                      |              |              |              |              | VIS                  | BILITY (ST   | ATUTE MILI           | ES:                  |              |                      |                      |                      |                      |              |
|-----------------------|-----|----------------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|
| FEET                  | ≥10 | ≥6                   | ≥5           | ≥4           | ≥3           | ≥2'2         | ≥2                   | ≥1 2         | ≥1'4                 | ≥1                   | ≥34          | ≥',                  | ≥ 12                 | ≥5 16                | ≥ .                  | ≥0           |
| NO CEILING<br>≥ 20000 |     | 30.9<br>45.5         | 32.3<br>47.5 |              | 34.6<br>50.6 | 34.7<br>50.7 | 34.9<br>51.0         | 34.9<br>51.0 | 34.9<br>51.0         | 34.9<br>51.0         | 34.9<br>51.0 | 34.9<br>51.0         | 34.9<br>51.0         | 34.9<br>51.0         | 34.9<br>51.0         | 34.9         |
| ≥ 18000<br>≥ 16000    |     | 46.6                 | 48.5         | 50.0<br>51.2 | 51.6<br>52.8 | 51.8<br>53.0 | 52.0<br>53.2         | 52.0<br>53.2 | 52.0<br>53.2         | 52.0<br>53.2         | 52.0<br>53.2 | 52.0<br>53.2         | 52.0<br>53.2         | 52.0<br>53.2         | 52.0<br>53.2         | 52.0<br>53.2 |
| ≥ 14000<br>≥ 12000    |     | 50.4<br>54.5         | 52.4<br>37.0 | 54.2<br>58.9 | 55.9<br>60.9 | 56.0<br>61.1 | 56.2<br>61.3         | 55.2         | 56.2                 | 56.2<br>61.3         | 56.2<br>61.3 | 56.2                 | 56.2<br>61.3         | 56.2<br>61.3         | 56.2<br>61.3         | 56.2         |
| ≥ 10000               |     | 59.3                 | 63.3         | 64.4         | 66.9         | 67.1<br>68.4 | 67.4                 | 67.4         | 67.4                 | 67.5<br>68.8         | 68.8         | 68.8                 | 67.5                 | 67.5<br>68.8         | 67.5                 | 67.5         |
| ≥ 8000<br>≥ 7000      |     | 64.1                 | 67.4         | 70.0         |              | 71.3         | 73.4                 | 71.6         | 71.6                 | 71.7                 | 71.7         | 71.7                 | 71.7                 | 71.7                 | 71.7                 | 71.7         |
| ≥ 6000<br>≥ 5000      |     | 66.0                 | 71.3         | 74.0         |              | 75.6<br>77.5 | 76.0<br>78.0         | 78.0         | 76.1<br>78.0         | 76.2<br>78.1         | 76.2         | 76.2<br>78.1         | 76.2<br>78.1         | 76.2<br>78.1         | 76.2<br>78.1         | 76.2         |
| ≥ 4500<br>≥ 4000      |     | 68.8<br>72.5<br>73.9 | 72.5         | 79.1         | 78.3<br>82.6 | 78.7<br>82.9 | 79.2<br>83.4         | 79.2<br>83.5 | 79.3<br>83.5<br>84.9 | 79.4<br>83.6<br>85.0 | 83.6         | 79.4<br>83.6         | 79.4<br>83.6         | 79.4<br>83.6         | 79.4<br>83.6         | 79.4<br>83.6 |
| ≥ 3000                |     | 75.9                 | 77.8<br>79.8 | 82.6         | 86.1         | 86.6         |                      | 87.1         | 87.2                 | 87.2<br>88.8         | 87.2         | 87.2                 | 85.0<br>87.2<br>88.9 | 85.0<br>87.2<br>88.9 | 85.0<br>87.2<br>88.9 | 87.2         |
| ≥ 2000                |     | 79.2                 | 33.4         | 86.3         | 87.6<br>89.9 |              | 88.6<br>91.0<br>91.9 | 91.1         | 91.2<br>92.1         | 91.2<br>92.1         | 91.3         | 80.9<br>91.3<br>92.2 | 91.3                 | 91.3<br>92.2         | 91.3                 | 91.3         |
| ≥ 1500                |     | 81.5                 | 85.8         | 88.7         | 92.4         | 93.1         | 93.6                 |              | 93.9                 | 94.1                 | 94.1         | 94.1                 | 94.1                 | 94.1                 | 94.1<br>95.3         | 94.1         |
| ≥ 1000                |     | 82.6                 | 87.2         | 20.4         | 94.2         | 95.0         | 95.5<br>95.8         | 95.8         | 96.3                 | 96.3<br>96.5         | 96.4         | 96.4                 | 96.4                 | 96.4                 | 96.4                 | 96.4         |
| ≥ 800                 |     | 82.9                 | 87.5         | 90.9         | 94.8<br>95.1 | 95.6         | 96.2                 | 96.5         | 96.7                 | 97.0                 | 9/.1         | 97.1<br>97.6         | 97.1                 | 97.1<br>97.6         | 97.1                 | 97.1         |
| ≥ 500                 |     | 83.4                 | 88.1         | 91.5         | 95.5         | 96.3         | 97.0<br>97.5         | 97.6         | 97.6                 |                      | 98.4         | 98.4                 | 98.4                 | 98.4                 | 98.4                 | 98.4         |
| ≥ 400                 |     | 83.9                 | 88.6         | 92.1         | 96.1         | 96.9         | 97.6                 | 98.5         | 98.9<br>98.9         | 99.6                 | 99.9         | 99.9                 |                      |                      | 100.0<br>100.0       |              |
| ≥ 100                 |     | 83.9                 |              | 92.1         | 96.1         | 96.9         | 97.6                 | 98.5         | 98.9                 | 99.6                 | 99.9         | 99.9                 |                      |                      | 100.0<br>100.0       |              |
| ≥ 0                   | L   | 83.9                 |              | 1            | 96.1         | 96.9         |                      | •            |                      | 99.6                 | -            | 99.9                 |                      |                      | 100.0                |              |

TOTAL NUMBER OF OBSERVATIONS

1348

USAF ETAC #7.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYU TAP JAPAN/HONSHU 47-60,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000

| CEILING               |          |              |              |              |              |              | VIS          | BILITY IST   | ATUTE MIL    | ES,          |              |              |              |              |              |              |
|-----------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10      | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2,2         | ≥ 2          | ≥1 1         | ≥114         | ≥1           | ≥ 34         | ≥,,          | ≥ ,          | ≥ 5 16       | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 | _        | 24.6         | 25.5         | 26.4         | 27.3         | 27.6         | 27.7         | 28.0         | 28.0         | 28.0         |              |              |              |              | 28.0<br>45.6 |              |
| ≥ 18000<br>≥ 16000    |          | 40.8         | 42.5         | 44.0         | 45.1         | 45.4         | 45.6<br>46.4 | 45,9         | 45.9         | 45.9         | 45.9<br>46.7 |              | 45.9         | 45.9         | 45.9         | 45.9<br>46.7 |
| ≥ 14000<br>≥ 12000    |          | 47.3         |              | 47.1<br>51.7 | 48.4         | 48.8         | 49.0<br>53.8 | 49.3         | 49.3         | 49.3<br>54.1 | 49.3         |              | 49,3         |              | 49.3         | 49.3         |
| ≥ 10000<br>≥ 9000     |          | 52.8<br>53.8 |              | 57.7<br>58.9 | 59.2<br>60.4 |              | 60.4         | 60.9         |              | 60.9         | 60.9<br>62.2 |              | 60.9         |              | 60.9         | 60.9         |
| ≥ 8000<br>≥ 7000      |          | 56.8<br>58.0 | 59.6<br>61.0 | 62.6<br>64.0 | 64.3         |              | 65.7<br>67.3 | 66.1         | ύύ•1<br>67•8 | 66.1         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         |
| ≥ 6000<br>≥ 5000      |          | 59.7<br>61.8 | 62.8<br>65.0 | 65.9         | 67.8         | 68.7         | 69.2         | 69.7<br>72.5 | 69.7         | 69.7         | 69.8         |              |              |              | 69.8         | 69.8         |
| ≥ 4500<br>≥ 4000      |          | 63,3         | 66.5         | 69.9         | 72.0         | 73.0<br>75.1 | 73.5<br>75.7 | 74.1         | 74.1<br>76.4 | 74.1<br>76.4 | 74.2         | 74.2         | 74.2         | 74.2<br>76.4 | 74.2         | 74.2<br>76.4 |
| ≥ 3500<br>≥ 3000      |          | 67.0<br>68.9 | 70.2         | 73.7<br>75.8 | 75.9<br>78.1 |              | 77.6<br>79.9 | 78.3<br>80.5 |              | 78.3<br>80.5 | 78.4         | 78.4         | 78.4<br>80.6 |              | 78.4<br>80.6 | 78.4<br>80.6 |
| ≥ 2500<br>≥ 2000      |          | 71.2         | 1 1          | 78.4<br>81.0 | _            | 81.7<br>84.6 | 82.4<br>85.3 | 83.0<br>85.9 |              | 83.0         | 83.1         | 83.1         | 83.1         | 83.1         | 83.1<br>86.0 | 83.1         |
| ≥ 1800<br>≥ 1500      |          | 74.7         |              | 82.2<br>83.9 | 84.8         | i            | 86.6<br>88.6 | 87.3<br>89.5 | 87.4         | 87.4         | 87.4<br>89.7 |              | 87.4<br>89.7 | 87.4<br>89.7 | 87.4         | 87.4         |
| ≥ 1200<br>≥ 1000      |          | 78.3<br>79.6 |              | 86.5<br>88.1 | 89.3<br>91.1 | 90.5         | 91.2         |              | 92.6         | 92.6         | 92.7         | 92.7         | 92.7         | 92.7         | 92.7         | 92.7         |
| ≥ 900<br>≥ 800        |          | 80.0<br>81.0 |              | 88.7<br>90.0 | 91.7         | 92.9         | 93.9<br>95.5 | 95.1         | 95.3<br>96.9 | 95.5<br>97.0 |              | 95.5<br>97.1 | 95.5         | 95.5<br>97.1 | 95.5<br>97.1 |              |
| ≥ 700<br>≥ 600        |          | 81.1<br>81.3 | 85.5<br>85.7 | 90.2         | 93.3         | 94.6         | 95.8<br>96.4 |              |              | 97.3<br>98.1 | 97.4<br>98.2 | 97.4<br>98.2 |              |              | 97.4<br>98.2 | 97.4<br>98.2 |
| ≥ 500<br>≥ 400        |          | 81.7         | 86·2<br>86·3 | 90.9<br>91.0 | 94.4         |              |              | 98.8         |              | 99.0         |              |              | 99.2         | 99.2<br>99.5 | 99.2<br>99.5 |              |
| ≥ 300<br>≥ 200        | <u> </u> | 81.8         | 86.3         | 91.1<br>91.1 | 94.6<br>94.6 | 96.1         | 97.8<br>97.8 | 99.1         | 99.4         | 99.8         | 99.9         | 99.9         | 100.0        |              | 100.0        |              |
| ≥ 100<br>≥ 0          |          | 81.8         |              | 91.1<br>91.1 | 94.6         | 96.1<br>96.1 | 97.8<br>97.8 |              | 99.4         | 99.8<br>99.8 |              |              |              |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS

1345

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

43311

TUKYU TAP JAPAN (HON SHU 47-60,71-72

----<u>10F</u>---

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING              |              |              |         |             |              |      | vis          | BILITY ST    | ATUTE MIL    | ES           |              |      |              |              | <del></del>  |              |
|----------------------|--------------|--------------|---------|-------------|--------------|------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|
| FEET                 | ≥10          | ≥6           | ≥ 5     | ≥ 4         | ≥ 3          | ≥2', | ≥ ?          | 317          | ≥1',         | ≥1           | ≥ '•         | ≥`.  | ≥ ?          | ≥5 16        | ≥ .          | ≥0           |
| NO CEIUNG<br>≥ 20000 |              | 29,5         | 30.4    | 32.2        |              | 33.4 | 33.6         | 33.7         | 33.7         | 33.7<br>43.6 | 33.7<br>43.6 | 33.7 | 33.7         | 33.7         | 33.7         | 33.7<br>43.7 |
| ≥ 1800u<br>≥ 16000   | <del>-</del> | 38.2         | 39.7    | 42.1        | 43.1         | 43.5 | 43.7         | 43.8         | 43.8         | 43.8         | 43.8         | 43.8 | 43.8         | 43.8         | 43.8         | 43.9         |
| ≥ 14000<br>≥ 12000   |              | 42.8         | 44.0    | 47.2        | 46.4         | 48.8 | 49.1         | 49.1         | 49.1         | 49.1         | 49.1         | 49.1 | 49.1         | 49.1         | 49.1         | 49.2         |
| ≥ 10000<br>≥ 9000    |              | 49.4         | 51.4    | 54.5        | 55.7         | 56.7 | 56.5         | 56.7         | 56.8         | 56.8         | 56.8<br>58.6 | 56.8 | 56.8         | 56.8         | 56.8         | 56.9         |
| ≥ 8000<br>≥ 7000     |              | 53.1         | 35.1    | 58.2        | 59.7         | 60.1 | 60.4         | 60.8         | 60.7         | 60.7         | 60.7         | 60.7 | 60.7         | 60.7         | 60.7         | 60.8         |
| ≥ 6000<br>≥ 5000     | <del></del>  | 55.4         | 57.6    | 60.7        | 62.1         | 62.6 | 62.9         | 63.1         | 63.2         | 63.2         | 63.2         | 63.2 | 63.2         | 63.2         | 63.2         | 63.3         |
| 2 4500<br>2 4000     |              | 58.4         | 60.6    | 63.7        | 65.2         | 65.7 | 66.0         | 56.2         | 66.3         | 66.3         | 66.3         | 66.3 | 66.3<br>68.7 | 68.7         | 66.3         | 66.3         |
| ≥ 3500<br>≥ 3000     |              | 63.6         | 65.7    | 69.0        | 70.5         | 71.0 | 71.3         | 71.5         | 71.6         | 71.6         | 71.6         | 71.6 | 71.6         | 71.6         | 71.6         | 71.7         |
| ≥ 2500<br>≥ 2000     |              | 69.2         |         | 74.8        | 76.5<br>80.1 | 77.0 | 77.3         | 77.5         | 77.6         | 77.6         | 77.6         | 77.6 | 77.6         | 77.6<br>81.4 | 77.6<br>81.4 | 77.7         |
| ≥ 1800<br>≥ 150∪     |              | 73.3         | 1 1 1 1 | 79.5        | 81.2         | 81.7 | 82.3         | 82.6         | 82.6         | 82.7         | 82.7         | 82.7 | 82.7         | 82.7         | 82.7         | 82.8         |
| ≥ 1200<br>≥ 1000     |              | 19.3         | 82.5    | 85.9        | 87.8<br>90.2 | 88.5 | 89.1         | 89.5<br>91.8 | 89.6         | 89.6         | 89.8<br>92.1 |      | 89.8<br>92.1 | 89.8<br>92.1 | 89.8         | 89.9         |
| ≥ 900<br>≥ 800       |              | 82.3         |         |             | 91.7         | 92.3 | 92.9         | 93.4         | 93.5         | 93.5<br>95.1 | 93.7         | 93.7 | 93.7         | 93.7         | 93.7         | 93.8         |
| ≥ 700<br>≥ 600       |              | 84.2         | 1 -     | 92.0        | 94.3         | 95.0 | 95.6         | 96.1         | 96.2         | 96.2         | 95.4         |      | 96.4         | 1            |              |              |
| ≥ 500<br>≥ 400       |              | 85.6         | ,       | 93.5        |              | 96.8 | 97.6         |              | 98.3<br>98.7 | 98.3<br>98.8 |              |      | 98.6         | 1            |              | 98.5         |
| ≥ 300<br>≥ 200       |              | 85.6         |         |             | 96.8         |      | 98.6<br>98.9 |              | 99.3<br>99.5 | 99.4         |              |      | 99.6         |              |              | 99.7         |
| ≥ 100<br>≥ 0         |              | 85.7<br>85.7 | ,       | , , , , , , | 97.0         |      | 98.9         |              |              | , -          |              | 99.8 |              | 1            |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1331

USAF ETAC FILES 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HONSHU 47-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING                    |          |                      |                  |                      |                      | ······································ | VIS                  | BILITY STA   | ATUTE MILI   | ES:                  |              |              |                      |                      |                      |              |
|----------------------------|----------|----------------------|------------------|----------------------|----------------------|--|----------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|
| FEET                       | ≥10      | ≥6                   | ≥5               | ≥ 4                  | ≥ 3                  | ≥2',                                   | ≥2                   | ≥1 2         | ≥1'₄         | ≥1                   | ≥ 14         | ≥`ĸ          | ≥ .                  | ≥5 16                | ≥ •                  | ≥0           |
| NO CEILING<br>≥ 2000x      |          | 36.7<br>40.6         | 38.5<br>42.8     | 40.7                 | 42.1                 | 42.4                                   | 43.1                 | 43.4         | 43.5         | 43.6                 | 43.6         | 43.6         | 43.6                 | 43.6<br>48.7         | 43.6                 | 43.6         |
| ≥ 18000<br>≥ 16000         |          | 40.8<br>41.1         | 43.1             | 45.4                 | 47.0                 | 47.4                                   | 48.1<br>48.4         | 48.6         | 48.8         | 48.9                 | 48.9         | 48.9         | 48.9                 | 48.9                 | 48.9                 | 48.9         |
| ≥ 14000<br>≥ 12000         |          | 43.5<br>45.7         | 45.8<br>48.0     | 48.3<br>50.5         | 50.0<br>52.4         | 50.4<br>52.9                           | 51.1                 | 51.6<br>54.2 | 51.8<br>54.4 | 51.9<br>54.5         | 51.9<br>54.6 | 51.9<br>54.6 | 51.9<br>54.6         | 51.9<br>54.6         | 54.6                 | 51.9<br>54.6 |
| ≥ 10000<br>≥ 9000          |          | 47.6                 | 50 • 1<br>51 • 2 | 52.6<br>53.7         | 54.5<br>55.6         | 55.0<br>56.1                           | 55.7<br>56.8         | 56.3<br>57.4 | 56.5<br>57.6 | 56.6<br>57.7         | 56.6         | 56.6<br>57.7 | 56.6<br>57.7         | 56.6<br>57.7         | 56.6<br>37.7         | 56.6         |
| ≥ 8000<br>≥ 7000           |          | 50.6                 | 53.0<br>54.1     | 55.6<br>56.6         | 57.4<br>58.5         | 57.9<br>59.0                           | 58.7<br>59.8         | 59.2         | 59.5         | 59.5<br>60.7         | 59.6         | 59.6<br>60.8 | 59.6<br>60.8         | 59.6<br>60.8         | 59.6                 | 59.6<br>60.8 |
| ≥ 6000<br>≥ 5000           |          | 55.0                 | 57.5             | 57.9<br>60.1         | 59.8<br>62.0         | 62.5                                   | 63.2                 | 63.9         | 64.1         | 62.0                 | 62.1         | 64.2         | 62.1                 | 64.2                 | 62.1                 | 64.2         |
| 2 4500<br>≥ 4000           |          | 56.1<br>57.3         | 58.6<br>39.9     | 62.6                 | 64.5                 | 63.6<br>65.0                           | 65.8                 | 65.0<br>66.4 | 65.2         | 65.2                 | 65.3         | 55.3<br>66.8 | 65.3<br>66.8<br>68.4 | 65.3<br>66.8<br>68.4 | 65.3<br>66.8         | 66.8         |
| ≥ 3500<br>≥ 3000<br>≥ 2500 |          | 58.7<br>60.4<br>62.4 | 63.1             | 63.9<br>56.0<br>68.4 | 65.9<br>68.1<br>70.7 | 68.6<br>71.2                           | 67.2                 | 70.0         | 70.2<br>72.9 | 68.2<br>70.4<br>73.0 | 70.5<br>73.2 | 70.5<br>73.2 | 70.5                 | 70.5                 | 68.4<br>70.5<br>73.2 | 70.5         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 |          | 96,5<br>67.8         |                  | 72.8                 | 75.0<br>76.3         | 75.7                                   | 72.0<br>76.4<br>77.8 |              | 77.4         | 77.6                 | 77.7         | 77.7         | 77.7                 | 77.7                 | 77.7                 | 77.7         |
| ≥ 1500                     |          | 70.5                 | 73.6             | 76.9<br>81.2         | 79.3                 | 79.9                                   | 80.9<br>85.5         | 81.6         | 81.9         | 82.2                 | 82.3         | 82.3         | 82.3<br>86.9         | 82.3                 | 82.3                 | 82.3         |
| ≥ 1000                     |          | 76,4                 | 80.0             | 1                    | 86.3                 | 87.0                                   | 88.2                 | 89.2         | 89.5         | 89.7                 | 89.8         | 89.8         | 89.9                 | 89.9                 | 89.9<br>91.5         |              |
| ≥ 800<br>≥ 700             |          | 79.4                 | 83.4             | 87.2                 | 90.2                 | 90.9                                   | 92.1                 | 93.3         | 93.5         | 93.8                 | 93.9         | 93.9<br>95.3 | 94.0                 | 94.0                 | 94.0                 | 94.0         |
| ≥ 600                      |          | 81.2                 | 85.8             | 90.0                 | 93.5                 | 94.2                                   | 95.5                 | 96.7         | 97.1<br>98.2 | 97.3                 | 97.5         | 97.5<br>98.6 | 97.5                 | 97.5                 | 97.5                 | 97.5         |
| ≥ 400<br>≥ 300             |          | 82.2                 | 86.8             | 91.1                 | 94.8                 | 95.6                                   | 97.1                 | 98,4         | 98.8         | 99.1                 | 99.2         | 99.2         | 99.3                 | 99.3                 | 99.6                 | 99.3         |
| ≥ 200                      |          | 82.3                 | 87.0             | 91.3                 | 95.0                 | 95.8                                   | 97,4                 | 98,7         | 99.1         | 99.3                 | 99.5         | 99.5         | 59.6                 | 99.6                 | 99.7                 |              |
| ≥ 0                        | <u> </u> | 82.3                 | 1                |                      | 95.0                 |  |                      |              | 99.1         | 99,3                 |              |              | 99.6                 | 99.6                 | 99.7                 | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1384

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKY') 14P JAPAN/HUNSHU 47-60,68,71-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CERLING                 |     |              |      |      |              |              | VIS                  | BILITY (STA          | ATUTE MILE   | ES:                  |                      |                      |                      |                      |              |                      |
|-------------------------|-----|--------------|------|------|--------------|--------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|----------------------|
| FEET                    | ≥10 | 26           | ≥5   | ≥4   | ≥3           | ≥2 2         | ≥2                   | ≥1'2                 | ≥1.          | ≥1                   | ≥ 1,4                | ≥'•                  | ≥.                   | ≥ 5 16               | ≥:.          | ≥0                   |
| N CEILING<br>≥ 20000    |     | 27.7         | 29.5 | 31.9 | 34.0         | 34.3         | 35.1                 | 35.7                 | 35.8         | 35.3                 | 36.2<br>41.0         | 36.2                 | 36.3                 | 36.3                 | 36.3<br>41.1 | 36.3                 |
| ≥ 18000<br>≥ 16000      |     | 30.2<br>30.6 | 32.4 | 35.3 | 37.8<br>38.2 | 38.0         | 39.2<br>39.6         | 40.3                 | 40.4<br>40.8 | 40.6                 | 41.0                 | 41.0                 | 41.1                 | 41.1                 | 41.1<br>41.5 | 41.1                 |
| ≥ 14000<br>≥ 12000      |     | 32.4<br>35.6 | 34.6 | 37.6 | 40.2         | 40.5         | 41.7                 | 43.1<br>46.6         | 43.3         | 43.4                 | 43.8                 | 43.8                 | 44.0                 | 44.0                 | 44.0         | 44.0                 |
| ≥ 10000<br>≥ 2000       |     | 36.9         | 39.3 | 42.7 | 45.1<br>45.6 | 45.5         | 46.7                 | 48.1<br>48.6         | 48.4         | 48.5                 | 49.1                 | 49.6                 | 49.2                 | 49.2                 | 49.2         | 49.2                 |
| ≥ 8000<br>≥ 7000        |     | 39.4         | 40.6 | 43,8 | 46.7         |              | 44.3                 | 49.7<br>51.0         | 50.1<br>51.4 | 50.2<br>51.5         | 50.7<br>52.0         | 50.7<br>52.0         | 50.9<br>52.2         | 50.9<br>52.2         | 50.9<br>52.2 | 50.9<br>52.2         |
| ≥ 6000<br>≥ 5000        |     | 40.7         | 43.3 | 46.5 | 49.4<br>51.1 | 49.8<br>51.5 | 31.0<br>52.7         | 52.5<br>54.1         | 52.8<br>54.5 | 53.0<br>54.6         | 53.5<br>55.2         | 53.5<br>55.2         | 53.6<br>55.3         | 53.6<br>55.3         | 53.6<br>55.3 | 53.6<br>55.3         |
| ≥ 4500<br>≥ 4000        | ·   | 43.6         | 48.1 | 49.6 | 52.5<br>54.4 | 52.9<br>54.7 | 54.1<br>56.2         | 55.6<br>57.5         | 56.0<br>57.8 | 56.1<br>58.0         | 56.6<br>58.5         | 56.6<br>58.5         | 56.7<br>58.6         | 56.7<br>58.6         | 56.7<br>58.6 | 56.7<br>58.6         |
| ≥ 3000                  |     | 46.3         | 52.2 | 52.6 | 55.6<br>58.6 | 56.1<br>59.1 | 57.4<br>60.4         | 58.9                 | 59.3<br>62.3 | 59.4<br>62.5         | 59.9<br>63.0         | 59.9<br>63.0         | 60.1                 | 60.1                 | 63.1         | 63.1                 |
| ≥ 2500<br>≤ 2000        |     | 51.4         | 57.7 | 58.1 | 61.2         | 61.8         | 63.1                 | 64.8<br>68.1         | 65.2         | 65.3                 | 65.8                 | 69.2                 | 66.0                 | 69.4                 | 69.4         | 69.4                 |
| ≥ 18′00                 |     | 55.2<br>58.6 | 62.7 | 66.5 | 70.1         | 70.8         | 72.3                 | 74.1                 | 69.6         | 69.6<br>74.7         | 70.3                 | 70.3<br>75.3         | 70.5                 | 70.5<br>75.5         | 70.5<br>75.5 | 70.5                 |
| ≥ 1200<br>≥ 1000        |     | 61.9         | 70.3 | 70.8 | 74.5         | 79.6         | 76.7<br>81.1         | 78.5                 | 78.9<br>83.4 | 79.1<br>83.8         | 79.7<br>84.5         | 79.8<br>84.5         | 80.0<br>84.8         | 84.8                 | 84.8         | 84.8                 |
| ≥ 900<br>≥ 800          |     | 69.0         | 74.2 | 79.0 |              | 81.1<br>84.4 | 82,9                 | 84.8                 | 85.1         | 85.6                 | 89.8                 | 86.3                 | 90.2                 | 90.2                 | 90.2         | 90.2                 |
| ≥ 700                   |     | 71.6         | 77.1 | 80,2 | 85.3         | 35.2<br>88.7 | 90.8                 |                      | 90.7         | 91.3                 | 91.9                 | 92.0                 | 95.1                 | 92.3<br>95.1         | 92.3         | 92.3<br>95.1<br>97.5 |
| ≥ 500<br>≥ 400<br>≥ 300 |     | 72.2         | 78.2 | 63.5 | 89.1         | 90.2         | 93.4                 | 95.9                 | 96.4         | 96.2<br>97.2<br>97.5 | 96.8<br>97.8<br>98.2 | 97.0<br>98.0         | 97.3<br>98.3<br>98.7 | 97.3<br>98.3<br>98.7 |              | 98.5                 |
| ≥ 200                   |     | 72.7         |      | 83.7 | 89.4         | 91.1<br>91.1 | 93.6<br>93.7<br>93.7 | 96.2<br>95.2<br>96.2 | 96.7         | 97.7                 | 98.5                 | 98.3<br>98.6<br>98.6 | 99.0                 |                      | 99.2         | 99.4                 |
| ≥ (u                    | l   | 72.7         | 78.4 | 83.7 | 89.4         | 91.1<br>91.1 | 93.7                 | 46.2                 |              | 97.7                 |                      |                      | 99.1                 | 99.2                 | 1            |                      |

TOTAL NUMBER OF OBSERVATIONS

1378

USAF ETAC TOTAL 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYO LAP JAPAN/HONSHU 47-60,68,71-72

ALIC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 0600-0800</u>

| CEILING                    |      |              |              |              |              |              | VIS                  | IBILITY ISTA | ATUTE MILI   | E\$1         |              |              |              |              |              |                      |
|----------------------------|------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|
| FEET                       | ≥10  | ≥6           | ≥5           | ≥4           | ≥3           | ≥2'7         | ≥ 2                  | ≥1'2         | ≥1'₄         | ≥1           | ≥ 34         | ≥'•          | ≥ 2          | ≥5 16        | ≥ .          | ≥0                   |
| NO CEIUNG<br>≥ 20000       |      | 12.7         | 15.5<br>19.3 | 18.4<br>22.8 |              | 21.8         | 23.4<br>29.8         | 32.5         | 26.1<br>33.1 | 27.6<br>34.8 | 28.5<br>35.7 | 28.6<br>35.7 | 28.8<br>35.9 | 28.8<br>35.9 | 28.8<br>35.9 | 35.9                 |
| ≥ 18000<br>≥ 16000         |      | 16.1         | 19.4         | 22.9         | 25.7         | 27.3         | 30.0<br>30.2         | 32.9<br>33.1 | 33.5<br>33.7 | 35.2<br>35.4 | 36.1<br>36.4 | 36.2<br>36.5 | 36.4         | 36.4<br>36.7 | 36.4<br>36.7 | 36.4                 |
| ≥ 14000<br>≥ 12000         |      | 18.3         | 21.7         | 25.1<br>27.8 | 28.0<br>30.8 | 29.6<br>32.5 | 32.6<br>35.7         | 35.8<br>39.1 | 36.6<br>40.1 | 38.4<br>41.9 | 39.3<br>43.0 | 39.4<br>43.1 | 39.6<br>43.4 | 39.6<br>43.4 | 39.6<br>43.4 | 39.6<br>43.4         |
| ≥ 10000<br>≥ 9000          |      | 23.8         | 27.6         | 31.3<br>32.1 | 34.5<br>35.3 | 36.3<br>37.1 | 39,8<br>40,7         | 43.4         | 44.6         | 46.7         | 47.8<br>48.7 | 47.9<br>48.8 | 48.2         | 48.2<br>49.1 | 48.2<br>49.1 | 48.2                 |
| ≥ 8000<br>≥ 7000           |      | 25.9<br>26.3 | 30.5         | 34.0         | 37.9         | 39.7         | 42.8<br>43.5         | 46.3         | 47.5         | 49.6<br>50.4 | 50.7<br>51.4 | 50.9<br>51.6 | 51.1<br>51.8 | 51.1<br>51.8 | 51.3<br>51.8 | 51.8                 |
| ≥ 6000<br>≥ 5000           |      | 27.0         | 31.3         | 35.4         | 38.8         | 40.6         | 44.3                 | 49.6         | 50.9         | 51.2<br>53.1 | 52.3<br>54.1 | 52.4<br>54.3 | 32.7<br>54.5 | 52.7<br>54.5 | 52.7<br>54.5 | 52.7<br>54.5         |
| ≥ 4500<br>≥ 4000           |      | 28,5         | 33.3         | 37.5         | 40.8         | 42.8<br>45.2 | 46.6<br>49.1         | 50.2<br>52.8 | 51.4<br>54.0 | 52.6<br>36.3 | 54.7<br>57.4 | 54.8<br>57.3 | 57.8         | 55.1<br>57.8 | 55.1<br>57.8 | 55.1<br>57.8         |
| ≥ 3500<br>≥ 3000           |      | 31.7         | 37.0         | 41.3         | 44.9         | 46.9         | 50.7<br>52.8         | 54.5<br>56.6 | 55.8<br>57.8 | 58.0<br>60.1 | 59.1<br>61.2 | 59.2<br>61.3 | 59.5<br>61.6 | 59.5<br>61.6 | 59.5<br>61.6 | 59.5<br>61.6         |
| ≥ 2500<br>≥ 2000           |      | 34.1         |              | 44.7         | 48.8<br>51.8 | 51.0<br>54.3 | 55.3<br>59.2         | 63.4         | 60.6         | 63.0         | 68.4         | 68.5         | 64.5         | 68.9         | 68.9         | 68.9                 |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | <br> | 36.3<br>38.5 | 42.6         | 48.1<br>51.2 | 52.5<br>56.0 | 55.0<br>58.7 | 59.9<br>64.0         | 64.2<br>68.6 | 65.5         | 68.2<br>72.7 | 69.2<br>73.8 | 73.9         | 69.7<br>74.2 | 69.7<br>74.3 | 74.3         | 74.3                 |
| ≥ 1000                     |      | 40.9         | 50.9         |              | 59.5<br>62.6 | 62.5         | 68.0                 | 72.9         | 74.1         | 77.1<br>81.7 | 78.3<br>83.0 | 78.4<br>83.2 | 78.7<br>83.5 | 78.6<br>83.6 | 78.8<br>83.6 | 78.8<br>83.6         |
| ≥ 800                      |      | 43.5         | 53.6         | 57.8<br>60.3 | 66.8         | 70.3         | 73.4<br>76.5<br>77.9 | 82.2         | 80.2         | 87.0         | 84.9         | 85.0<br>88.8 | 89.2         | 89.3         | 85.4         | 85.4<br>89.3<br>91.3 |
| ≥ 600                      |      | 46.0         | 55.3         | 62.6         | 67.8         | 71.4         | 80.3                 | 86.8         | 85.7         | 89.1<br>92.0 |              |              | 94.5         | 91.3         | 91.3         | 94.6                 |
| ≥ 500<br>≥ 400<br>≥ 300    |      | 47.4         | 56.5         | 64.0         | 70.7         | 74.4         | 81.5                 | 88.2         | 90.0         | 95.4         |              | 97.6         | 96.7         | 96.7<br>98.2 | 96.8<br>98.3 | 96.8<br>98.3         |
| ≥ 200                      |      | 47.7         | 56.5         | 64.1         | 71.4         | 75.1<br>75.1 | 82.4                 | 89.6         | 91.4         | 95.8<br>95.9 | 98.3         |              | 99.1         | 99.2         | 99.4         |                      |
| ≥ 100<br>≥ 0               |      | 47.7         | 56.5         | 64.1         | 71.4         | 75.1<br>75.1 | 82.4<br>82.4         | 1 [          | 91.4<br>91.4 | 95.9<br>95.9 |              | 98.5<br>98.5 | 99.1<br>99.1 | 99.2         |              | 99.7<br>100.0        |

TOTAL NUMBER OF OBSERVATIONS

1408

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HUNSHU 47-60,08,71-72

AUG \_\_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING               |     |              |              |              |              |              | VIS          | BILITY IST   | ATUTE MILI   | ES:          |              |              |                      |              |              |                |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|----------------|
| FEET:                 | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥212         | ≥ 2          | ≥1'          | ≥1'4         | ≥1           | ≥ 14         | 2 .          | ≥ ,                  | ≥ 5 16       | ≥ .          | ≥0             |
| NO CEILING<br>≥ 20000 |     | 26,7<br>34.9 | 28.6         | 31.6         | 33.8         | 34.6         | 36.1<br>47.2 | 37.4         | 37.6<br>49.2 | 37.8         | 37.8<br>49.4 | 37.8         | 37.8                 | 37.8         | 37.8         | 37.9           |
| ≥ 18000<br>≥ 16000    |     | 35.2         | 38.1<br>38.4 | 41.9         | 44.5         | 45.6         | 47.6<br>48.1 | 49.8         | 49.7         | 49.9         | 49.9<br>50.4 | 49.9<br>50.4 | 49.9                 | 49.9         | 49.9         | 49.9<br>50.4   |
| ≥ 14000<br>≥ 12000    |     | 38.1         | 40.9         | 44.8<br>48.5 | 47.7         | 48.7         | 51.0<br>54.8 | 52.7<br>56.6 | 53.1<br>57.0 | 53.2<br>57.2 | 53.2<br>57.2 | 53.2         | 53.2                 | 53.2<br>57.2 | 53.2<br>57.2 | 53.3<br>57.3   |
| ≥ 10000<br>≥ 9000     |     | 45.1<br>45.3 | 48.4         | 52.6<br>52.9 | 55.5<br>55.9 | 56.7<br>57.1 | 59.1<br>59.5 | 61.0         | 61.4         | 61.8         | 61.8         | 61.8         | 61.8                 | 61.8         | 61.8         | 61.9           |
| ≥ 8000<br>≥ 7000      |     | 46.2         | 49.7         | 54.0<br>54.4 | 57.0<br>57.4 | 58.3<br>58.7 | 60.7         | 62.7         | 63.1         | 63.6         | 63.6         | 63.6         | 63.6                 | 63.6<br>64.0 | 63.6         | 64.0           |
| ≥ 6000<br>≥ 5000      |     | 47.2         | 50.8<br>52.3 | 55.3<br>57.0 | 58.4<br>60.1 | 59.7<br>61.4 | 62.1         | 64.1         | 64.5         | 65.0<br>66.9 | 65.0         | 65.0<br>66.9 | 65.0                 | 65.0<br>66.9 | 1 -1         |                |
| ≥ 4500<br>≥ 4000      |     | 49.6         | 53.3<br>55.1 | 58.0<br>59.9 | 61.2         | 62.5         | 65.0         | 67.0         | 67.4         | 67.9         | 67.9         | 67.9<br>70.2 | 67.9                 | 67.9         | 67.9         | 68.0           |
| ≥ 3500<br>≥ 3000      |     | 52.5<br>54.1 | 56.3<br>58.1 | 61.0         | 64.4         | 65.9         | 68.6         | 70.8         | 71.2         | 71.7         | 71.8         | 71.8         | 71.8                 | 71.8         |              | 71.8<br>74.0   |
| ≥ 2500<br>≥ 2000      |     | 57.0<br>59.1 | 61.1         | 66.3         | 69.7<br>72.5 | 71.3<br>74.2 | 74.1<br>77.4 | 76.3<br>79.8 | 76.8         | 77.2<br>80.9 |              | 77.3<br>81.0 | 77.3<br>61.0         | 77.3<br>81.0 | l I          | 77.4<br>81.0   |
| ≥ 1800<br>≥ 1500      |     | 60.3         |              | 70.2         | 74.0         | 75.7<br>79.4 | 78.9<br>82.7 | 81.3         | 81.9         | 82.4<br>86.6 | 82.5<br>86.7 | 82.5<br>86.7 | 82 <b>.5</b><br>86.7 | 82.5<br>86.7 | 82.5<br>86.7 | 82.6<br>86.7   |
| ≥ 1200                |     | 65.5         | 69.7         | 75.4         | 79.8<br>81.7 | 81.5<br>83.4 | 85.0<br>87.3 | 88.1<br>90.4 | 88.7<br>91.0 | 89.4<br>91.7 | 89.5<br>91.9 | 89.5<br>91.9 | 89.5<br>91.9         | 89.5<br>91.9 |              | 91.9           |
| ≥ 900<br>≥ 800        |     | 66.7         | 71.6         | 77.5         | 82.6         | 84.4         | 88.3         | 91.6         | 93.6         | 93.0         | 94.6         | 93.2         | 93.3                 | 93.3<br>94.7 | 94.7         | 94.7           |
| ≥ 700<br>≥ 600        |     | 67.4         | 72.9         | 79.2         | 84.5<br>85.3 | 86.3         | 90.5         | 94.0         | 94.8         | 95.7         | 95.9<br>97.2 | 95.9<br>97.2 | 96.0<br>97.3         | 96.0<br>97.3 | 97.3         | 97.3           |
| ≥ 500<br>≥ 400        | ·   | 67.7         | 73.8         | 80.8         | 86.1         | 88.1<br>88.7 | 92.6         | 96.2         | 97.1<br>97.8 | 98.2<br>99.1 | 98.5         | 98.5<br>99.4 | 98.6                 | 98.6<br>99.5 | 99.5         | 99.6           |
| ≥ 300<br>≥ 200        |     | 67.8         | 74.2         | 80.8         | 86.7         | 88.7         |              | 97.0<br>97.1 | 97.9         | 99.2         | 99.6         | 99.6<br>99.8 | 99.7<br>99.9         | 99.7<br>99.9 |              | ***            |
| ≥ 100<br>≥ 0          |     | 67.8         |              | 80.8         |              | 88.8<br>88.8 |              | 97.1         | 97.9         | 99.3         | 99.8         | 99.8<br>99.8 |                      | 99.9         |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1424

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# CEILING VERSUS VISIBILITY

43311 TUKYU TAP JAPAN/HUNSHU 47-60,66,71-72

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING               |     |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MIL     | ES <sup>1</sup> |              |              |              |              |              |                |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|-----------------|--------------|--------------|--------------|--------------|--------------|----------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2′2         | ≥ 2          | ≥וי,         | ≥114          | ≥1              | ≥ 34         | 5,*          | ≥ '2         | ≥5 16        | ≥ '4         | ≥0             |
| NO CEILING<br>≥ 20000 |     | 39.0<br>51.8 | 40.6<br>53.9 | 41.9<br>55.3 | 43.7         | 44.3<br>58.0 | 44.9<br>58.6 | 44.9<br>58.8 | 44.9<br>58.8  | 44.9<br>58.8    | 44.9<br>58.8 | 44.9<br>58.8 | 44.9<br>58.8 | 44.9<br>58.8 | 44.9<br>58.8 | 44.9<br>58.8   |
| ≥ 18000<br>≥ 16000    |     | 52.6<br>53.0 | 54.6<br>55.1 | 56.2<br>56.7 | 58.3<br>58.8 | 58.9<br>59.4 | 59.5         | 59.7<br>60.2 | 59.7          | 59.7            | 59.7<br>60.2 | 59.7<br>60.2 | 59.7<br>60.2 | 59.7<br>60.2 | 59.7<br>60.2 | 59.7<br>60.2   |
| ≥ 14000<br>≥ 12000    |     | 55.3<br>60.0 | 57.4<br>62.1 | 59.0<br>64.0 | 61.1         | 61.8         | 62.4         | 62.5<br>67.9 | 62.5          | 62.5<br>67.9    | 62.5<br>67.9 | 62.5         | 62.5<br>67.9 | 62.5<br>67.9 | 67.9         | 62.5           |
| ≥ 10000<br>≥ 9000     |     | 64.0         | 66.3         | 68.3<br>68.8 | 70.8         | 71.4<br>71.9 | 72.1         | 72.3         | 72.3<br>72.9  | 72.3            | 72.3<br>72.9 | 72.3<br>72.9 | 72.9         | 72.9         | 72.3<br>72.9 | 72.3           |
| ≥ 8000<br>≥ 7000      |     | 65.8<br>66.2 | 68.2         | 70.4         | 73.1<br>73.6 | 73.7         | 74.6<br>75.1 | 74.7         | 74.7          | 74.7<br>75.2    | 74.7<br>75.2 | 74.7         | 74.7<br>75.2 | 74.7<br>75.2 | 74.7<br>75.2 | 74.7<br>75.2   |
| ≥ 6000<br>≥ 5000      |     | 67.5         | 70.0         | 72.1         | 75.0<br>76.8 | 75.6<br>77.4 | 76.5<br>78.3 | 76.7<br>78.5 | 76.7<br>78.5  | 76.7<br>78.5    | 76.7<br>78.5 | 76.7<br>78.5 | 76.7<br>78.5 | 76.7<br>78.5 | 76.7<br>78.5 | 76.7<br>78.5   |
| ≥ 4500<br>≥ 4000      |     | 69.8<br>71.6 |              | 74.6         | 79.7         | 78.2<br>80.4 | 79.0<br>81.2 | 79.2<br>81.4 | 79.2<br>81.4  | 7°.3            | 79.3<br>81.5 | 79.3<br>81.5 | 79.3<br>81.5 | 79.3         | 79.3<br>81.5 | 79.3           |
| ≥ 3500<br>≥ 3000      |     | 72.7         | 75.5         | 77.8         | 83.1         | 81.8         | 82.6<br>84.6 | 82.8<br>84.8 | 82.8<br>84.8  | 82.9            | 82.9<br>85.0 | 82.9<br>85.0 | 82.9<br>85.0 | 82.9<br>85.0 | 82.9<br>85.0 | 85.0           |
| ≥ 2500<br>≥ 2000      |     | 76.1         | -1.5         | 81.7<br>84.1 | 85.0<br>87.6 | 85.8<br>88.3 | 80.7<br>89.2 | 86.9         | 86.9<br>89.4  | 86.9<br>89.4    | 87.0         | 87.0<br>89.5 | 87.0<br>89.5 | 89.5         | 89.5         | 89.5           |
| ≥ 1800<br>≥ 1500      |     | 78.5         | 83.2         | 84.4         | 89.7         | 88.7<br>90.4 | 89.5<br>91.3 | 89.7<br>91.6 |               | 89.8<br>91.7    | 89.9<br>91.8 | 89.9<br>91.8 | 89.9<br>91.8 | 91.8         | 91.8         | 91.8           |
| ≥ 1200<br>≥ 1(00      |     | 80.9         | 85.3         | 87.3<br>88.2 | 91.1         | 92.0         | 93.1         | 93.4         | 93.6<br>95.1  | 95.2            | 95.4         | 93.8<br>95.4 | 93.8<br>95.4 | 93.8         | 93.8         | 93.8           |
| ≥ 900<br>≥ 900        |     | 81.6         | 85.4         | 88.4         | 92.4         | 93.2<br>93.4 | 94.6         | 95.2<br>95.7 | 95.4<br>95.8  | 95.5            | 95.7<br>96.1 | 95.7<br>96.2 | 95.7<br>96.2 | 95.7<br>96.2 | 95.7<br>96.2 | 96.2           |
| ≥ 700<br>≥ 600        |     | 81.8         | 96.4         | 88.7         | 92.8         | 93.9         | 95.6<br>96.7 | 96.4         | 96.5<br>97.9  | 98.1            | 96.9<br>98.3 | 97.0<br>98.4 | 98.5         | 98.5         | 97.0<br>98.5 | 98.5           |
| ≥ 500<br>≥ 400        |     | 82.4         | 86.7         | 90.1         | 94.6         | 95.6<br>95.8 | 97.5<br>97.7 | 98.5         | 98.7<br>99.11 | 99.0            | 99.7         | 99.8         | 99.9         | 99.9         |              | 99.9           |
| ≥ 300 ≥ 200           |     | 82.4         | 86.7         | 90.2         | 94.7         | 95.9         | 97.8         | 98.9         | 99.1          |                 |              |              | 100.0        | 100.0        |              | 100.0          |
| ≥ 100<br>≥ 0          |     | 82.5         | 85.7         | 90.2         | 94.8         | 95.9<br>95.9 |              |              | 99.2<br>99.2  |                 |              |              |              |              |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1431

USAF ETAC FORM OF 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKYL TAP JAPAN/HONSHU 47-60,68,71-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING                    |     |                      |              |              |              |              | VIS                  | BILITY (ST) | ATUTE MILI   | ES.                  |      |              |              |              |       |              |
|----------------------------|-----|----------------------|--------------|--------------|--------------|--------------|----------------------|-------------|--------------|----------------------|------|--------------|--------------|--------------|-------|--------------|
| FEET                       | ≥10 | ≥6                   | ≥5           | ≥ 4          | ≥3           | ≥2',         | ≥2                   | ≥1,         | ≥1',         | ≥1                   | ≥ 14 | ≥',          | ≥ 2          | ≥5 16        | ≥ '₄  | ≥0           |
| NO CEILING<br>≥ 20000      |     | 39.0<br>55.3         | 40.5<br>57.3 | 41.2         | 42.4         | 42.9<br>60.1 | 43.0                 | 43.2        | 43.2         | 43.2                 | 43.2 | 43.2         | 43.2         | 43.2<br>60.4 |       | 43.2         |
| ≥ 18000<br>≥ 16000         |     | 55.8<br>56.6         |              | 58.9<br>59.8 | 60.3         | 60.8         | 60.9                 | 61.0        | 61.0         | 61.0                 | 61.0 | 61.0         | 61.0         | 61.0         | 1 1   | 61.0         |
| ≥ 14000<br>≥ 12000         |     | 59.0<br>62.8         | 61.1         | 62.2         | 63.6         | 64.1         | 64.3                 | 64.4        | 68.4         | 64.4                 | 64.4 | 64.4         | 64.4         | 64.4<br>68.4 | 64.4  | 64.4         |
| ≥ 10000<br>≥ 9000          |     | 66.2                 | 68.4         | 69.8<br>70.6 | 71.4<br>72.2 | 72.0<br>72.8 |                      |             | 72.3         | 72.3                 | 72.3 | 72.3         | 72.3         | 73.2         | 73.2  | 72.3         |
| ≥ 8000<br>≥ 7000           |     | 70.1                 | 71.3         | 72.9         | 74.6         | 76.6         | 76.7                 | 77.1        | 75.7         | 75.7<br>-77.1        | 75.7 | 75.7<br>77.1 | 75.7<br>77.1 | 75.7         | 77.1  | 75.7<br>77.1 |
| ≥ 6000<br>≥ 5000           |     | 70.9                 | 75.3         | 76.9         | 76.9<br>78.8 | 77.5         | 79.5                 | 79.9        | 78.0<br>79.9 | 79.9                 | 79.9 | 78.0<br>79.9 | 78.0<br>79.9 |              | 79.9  | 79.9         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 |     | 73.5                 | 78.3         | 78.0         | 82.1         | 82.8         | 83.0                 | 83.3        | 81.0         | 83.3                 | 83.3 | 83.3         | 81.0         | 83.3         | 63.3  | 83.3         |
| ≥ 3000<br>≥ 3000<br>≥ 2500 |     | 76.7<br>78.1         | 79.7         | 81.6<br>83.0 | 85.4         | 84.4         | 84.5                 | 84.9        | 84.9<br>86.7 | 86.8                 | 86.8 | 84.9         | 84.9         |              | 86.8  | 84.9         |
| ≥ 2000<br>≥ 1800           |     | 79.7<br>81.6         | 84.9         | - MUA-       | 87.2         | 90.3         | 90.5                 | 90.9        |              | 91.2                 | 91.2 | 91.2         |              | 91.2         |       | 88.6<br>91.2 |
| ≥ 1500<br>≥ 1200           |     | 81.8<br>83.3<br>83.9 | 86.7         | 88.7         | 91.6         | 92.4         | 90.7<br>92.7<br>93.9 | 93.1        | 93.2         | 93.3                 | 93.4 | 93.4         |              | 93.4         | 93.4  | 93.4         |
| ≥ 1000                     |     | 84.5                 | 88.0         | 90.3         | 93.3         | 94.3         | 95.0                 | 95.5        | 95.7<br>96.4 | 94.6<br>95.9<br>96.6 | 96.0 | 96.0         |              | 96.0         | 96.0  | 96.0         |
| ≥ 800<br>≥ 700             |     | 85.3                 | 88.9         | 91.5         | 94.7         | 95.8         | 96.6                 | 97.1        | 97.4         | 97.3<br>98.0         | 97.6 | 97.6         |              | 27.6         | 97.6  | 97.6         |
| ≥ 500                      |     | 85.4<br>85.6         | R9.2         | 91.9         | 95.3         | 96.6         | 97.5                 | 98.1        | 98.2         | 98.7                 | 98.8 | 98.8         | 98.8         | 98.8         | 98.8  | 98.8         |
| ≥ 400                      |     | 85.6<br>85.6         | 89.4         | 92.3         | 95.9         | 96.9         | 98.2                 | 98.8        | 98.9         | 99.6                 | 99.9 |              | 99.9         | 99.9         |       | <b>99.</b> 9 |
| ≥ 200                      |     | 85.6                 | 89.5         | 92.4         | 95.9         | 97.0         | 98.2                 | 98.9        | 99.0         | 99.7                 | 99.9 | 100.0        | 100.0        | 100.0        | 100.0 | 1720         |
| ≥ 0                        |     | 85.6                 |              |              | 95.9         |              |                      |             |              |                      |      | 100.0        | 100.0        | 100.0        | 100.0 | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1427

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

43311 TUKYI IAP JAPAN/HUNSHU 47-60,68,71-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING               |     |              |              |              |              |              | VIS          | BILITY (ST.  | ATUTE MIL    | ESı          |              | -            |                      |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|
| fEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥212         | ≥2           | ≥1'2         | ≥1'4         | ≥1           | ≥ 1,4        | ≥ 's         | ≥ '2                 | ≥5 16        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 34.5         | 36.2<br>50.0 | 37.1<br>51.7 | 38.8<br>54.0 | 39.1<br>54.3 | 39.1<br>54.4 | 39.1<br>54.4 | 39.1<br>54.5 | 39.1<br>54.5 | 39.1<br>54.5 | 39.1<br>54.5 | 39.1<br>54. <b>5</b> | 39.1<br>54.5 | 39.1<br>54.5 | 39.1<br>54.5 |
| ≥ 18000<br>≥ 16000    |     | 48.0         | 50.4<br>51.4 | 52.0         | 54.3<br>55.4 | 54.7<br>55.8 | 54.7<br>55.9 | 54.8<br>55.9 | 54.9<br>56.0 | 54.9<br>56.0 | 54.9<br>56.0 | 54.9<br>56.0 | 54.9<br>56.0         | 54.9<br>56.0 | 54.9<br>56.0 | 54.9<br>56.0 |
| ≥ 14000<br>≥ 12000    |     | 51.4<br>55.0 | 54.0<br>57.8 | 55.7<br>59.7 | 58.1         | 58.4<br>62.4 | 58.5<br>62.5 | 58.5<br>62.6 | 58.6         | 58.6<br>62.6 | 58.6<br>62.6 | 58.6<br>62.6 | 58.6                 | 58.6<br>62.6 | 58.6         | 58.6         |
| ≥ 10000               |     | 57.4<br>58.3 | 60.2         | 62.2         | 64.9         | 65.4         | 65.5         | 65.6<br>66.5 | 65.7         | 65.7<br>66.6 | 65.7         | 65.7         | 65.7                 | 65.7<br>66.6 | 65.7         |              |
| ≥ 8000<br>≥ 7000      |     | 60.7         | 63.7         | 65.1         | 68.8         | 68.4         | 69.4         | 68.7<br>69.6 | 68.8         | 68.8         | 68.8         | 69.6         | 69.6                 | 68.8         | 68.8         |              |
| ≥ 6000<br>≥ 5000      |     | 62.3         | 66.7         | 69.1         | 70.6         | 72.9         | 71.3<br>73.0 |              | 71.5         | 71.5         | 71.5         | 71.5         | 71.5                 | 71.5         | 71.5         | 71.5         |
| ≥ 4500<br>≥ 4000      |     | 64.3         | 69.9         | 72.3         | 75.5         | 76.2         | 73.8<br>76.5 | 73.9         | 74.0         | 74.0<br>76.7 | 74.0         | 74.0         | 76.7                 | 76.7         | 74.0         | 74.0         |
| ≥ 3500<br>≥ 3000      |     | 70.5         | 73.9         | 76.5         | 77.6         | 80.6         | 78.7<br>80.9 | 78.8<br>81.0 | 81.1         | 78.9<br>81.1 | 78.9<br>81.1 | 78.9<br>81.1 | 81.1                 | 78.9<br>81.1 | 78.9         | 78.9         |
| ≥ 2500<br>≥ 2000      |     | 73.1         | 76.6         | 83.1         | 82.7         | 83.8<br>87.4 | 84.0<br>87.8 | 88.1         | 84.4         | 84.4         | 84.4<br>88.1 | 84.4<br>88.1 | 88.1                 | 84.4         | 84.4         | 84.4         |
| ≥ 1800<br>≥ 1500      |     | 76.8         | 82.6         | 85.7         | 87.2         | 90.2         | 88.6<br>90.7 | 88.9<br>91.1 | 89.0<br>91.2 | 89.0<br>91.2 | 89.0<br>91.2 | 89.0<br>91.2 | 91.2                 | 89.0<br>91.2 | 89.0<br>91.2 | 91.2         |
| ≥ 1200<br>≥ 1000      |     | 80.4         | 84.3         | 88.8         | 92.5         | 93.7         | 92.9         | 93.4         | 93.5         | 93.6<br>95.1 | 93.6<br>95.1 | 93.6         | 95.1                 | 93.6<br>95.1 | 93.6         | 93.6         |
| ≥ 900<br>≥ 800        |     | 82.5         | 86.6         |              |              | 94.4         |              |              | 95.6<br>96.6 | 96.9         | 95.8<br>96.9 |              | 96.9                 |              |              |              |
| ≥ 700                 |     | 83.0         | 87.5         |              | 95.5         | 96.8         | 97.7         | 98.2         | 97.6<br>98.4 | 98.7         | 97.9         | 97.9         | 98.7                 | 97.9<br>98.7 | 97.9<br>98.7 | 97.9         |
| ≥ 500<br>≥ 400        |     | 83.5         | 87.9         |              |              | 97.3         | 98.2<br>98.3 | 98.8         | 98.9         | 99.2         |              | 99.2<br>99.6 | 99.6                 |              |              |              |
| ≥ 360                 |     | 83.7         |              | 91.9         | 96.0         | 97.5         |              | 99.2         | 99.4         | 99.8         | 99.8         | 99.8         | 99.9                 | 99.9         | 99.9         | 99.9         |
| ≥ 100<br>≥ 0          |     | 83.7         | -            | 91.9         | 7            |              |              |              |              |              |              |              | -                    |              |              | 99.7         |

TOTAL NUMBER OF OBSERVATIONS

1416

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYL TAP JAPAN/HUNSHU

47=60:65,71=72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100=2300

| CEILING               |     |              |              |              |              | -            | VIS          | BILITY -ST   | ATUTE MILI   | ESt          |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥2'2         | ≥?           | ≥1'2         | ≥1'ı         | ≥1           | ≥ ,•         | ≥'ŧ          | ≥ ;          | ≥ 5 16       | ≥.           | ≥0            |
| NO CEILING<br>≥ 20000 |     | 37.7         | 39.2         | 40.4         | 1            | 42.3         | 42.5<br>50.1 | 42.6         | 42.6         | 42.<br>50.3  | 42.7         | 42.7         | 42.7         | 42.7         | 42.7         | 42.7<br>50.3  |
| ≥ 18000<br>≥ 16000    |     | 44.5<br>45.1 | 46.3<br>46.8 | 47.9<br>48.6 | 49.6         | 50.0<br>50.8 | 50.4<br>51.2 | 50.5<br>51.3 | 50.5         | 50.6<br>51.4 | 50.6<br>51.4 | 50.6<br>51.4 | 50.6<br>51.4 | 50.6<br>51.4 | 50.6<br>51.4 | 50.6<br>51.4  |
| ≥ 14000<br>≥ 12000    |     | 47.5         | 49.3         | 51.2<br>54.2 | 53.0<br>56.2 | 53.4<br>56.6 | 53.9<br>57.0 | 53.9<br>57.1 | 53.9<br>57.1 | 54.0<br>57.2 | 54.0<br>57.2 | 54.0         | 54.0<br>57.2 | 54.0<br>57.2 | 54.0<br>57.2 | 54.0<br>57.2  |
| ≥ 10000<br>≥ 9000     |     | 53.7<br>55.1 | 55.6<br>57.0 | 57.5<br>59.0 | 59.5         | 60.0         | 60.4         | 60.5         | 60.5         | 60.5         | 60.5         | 60.5         | 60.5         | 60.5         | 60.5         | 60.5          |
| ≥ 8000<br>≥ 7000      |     | 56.4<br>57.6 | 58.5         | 60.6         | 62.6         | 63.1         | 63.5         | 63.6         | 63.6         | 63.6<br>65.0 | 63.6         | 63.6         | 63.6         | 63.6         | 63.6         |               |
| ≥ 6000<br>≥ 5000      |     | 59.5         | 63.5         | 63.8         | 65.9         | 66 • 4       | 66.8         | 66.9         | 66.9         | 66.9         | 66.9         | 66.9         | 66.9         | 66.9         | 66.9<br>68.8 |               |
| ≥ 4500<br>≥ 4000      |     | 62.5         | 64.9         | 67.1<br>68.8 | 69.2<br>71.0 | 69.7         | 70.1         | 70.2<br>72.0 | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2<br>72.1 | 70.2<br>72.1 | 70.2<br>72.1  |
| ≥ 3500<br>≥ 3000      | ,   | 66.1         | 68.6         | 70.7         | 73.0         | 73.4         | 74.0         | 74.0         | 74.0         | 74.1         | 74.1<br>76.6 | 74.1         | 74.1<br>76.6 | 74.1         | 74.1<br>76.6 | 74.1<br>76.6  |
| ≥ 2500<br>≥ 2000      |     | 70.6         | 73.2         | 75.5         | 77.8         | 78.3<br>81.8 | 78.8<br>82.4 | 78.9<br>82.4 | 78.9         | 79.0         | 79.6<br>82.5 | 79.0         | 79.0<br>82.5 | 79.0         | 79.0         | 79.0<br>82.5  |
| ≥ 1800<br>≥ 1500      |     | 74.7         | 77.5<br>80.5 | 79.8         | 82.3<br>85.3 | 82.7<br>85.8 | 83.3         | 83.4<br>86.7 | 83.4         | 83.5<br>87.0 | 83.5         | 83.5<br>87.0 | 83.5         | 83.5         | 83.5         |               |
| ≥ 1200<br>≥ 1000      |     | 80.8<br>82.5 |              | 86.3         | 88.9         | 89.4         | 90.2         | 90.4         | 90.4         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7<br>93.0 | 90.7         | 90.7          |
| ≥ 900<br>≥ 800        |     | 83.3         |              |              | 91.8         | 92.3         | 93.3         | 93.5         | 93.5         | 93.9         | 93.9<br>95.2 | 93.9         | 93.9<br>95.2 | 93.9<br>95.2 | 93.9<br>95.2 | 93.9          |
| ≥ 700<br>≥ 600        |     | 85.8<br>86.4 |              | 91.9<br>92.6 | 94.8         | 95.4<br>96.6 | 96.4         | 96.7         | 96.7         | 97.1<br>98.4 | 97.1<br>98.4 | 97.1         | 97.1<br>98.4 | 97.1<br>98.4 | 97.1<br>98.4 | 97.1<br>98.4  |
| ≥ 500<br>≥ 400        |     | 86.8         |              | 93.1         | 96.6         |              | 98.3<br>98.4 | 98.6         | 98.7<br>98.9 | 99.1         | 99.1         | 99.1         | 99.1         | 99.1         | 99.1<br>99.2 | 99.1          |
| ≥ 300<br>≥ 200        |     | 87.1<br>87.1 | 90.5         |              | 96.9         | 97.5         | 98.7<br>98.7 | 99.1         | 99.1         | 99.5         | 99.5         | 99.5         | 99.6         | 99.6         | 99.6<br>99.7 |               |
| ≥ 100<br>≥ 0          |     | 87.2<br>87.2 | -            |              | 97.0         | 97.6<br>97.6 | 98.8<br>98.8 | 99,1<br>99,1 | 99.2         | 99.6         | 99.6         | 99.6         | 99.8         |              |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1394

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

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43311 TOKYO TAP JAPAN/HUNSHU 46-54,56-60,68,71-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000=0200

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MIL    | ES:          |              |              |              |              | _            |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 2         | ≥ 2          | ≥1′2         | ≥1 4         | ≥ı           | ≥ 34         | ≥',          | ≥ ;          | ≥5 16        | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 23.6         | 25.3<br>26.5 | 25.9<br>27.3 | 27.3<br>28.9 | 27.4<br>29.1 | 28.4<br>30.3 | 29.1<br>30.9 | 29.3<br>31.1 | 29.7<br>31.6 | 29.9<br>31.8 | 29.9<br>31.8 | 29.9         | 29.9<br>31.8 | 29.9<br>31.8 | 29.9<br>31.8 |
| ≥ 18000<br>≥ 16000    | ·   | 25.4<br>25.7 | 27.1         | 27.9<br>28.2 | 29.5<br>29.8 | 29.7         | 30.9<br>31.2 | 31.6<br>31.9 | 31.7         | 32.2<br>32.5 | 32.4<br>32.7 | 32.4<br>32.7 | 32.4         | 32.4         | 32.4         | 32.4<br>32.7 |
| ≥ 14000<br>≥ 12000    |     | 28.0         | 29.7         | 30.6         | 32.6<br>35.9 | 33.1         | 34.4         | 35.1<br>38.6 | 35.3<br>38.8 | 35.7         | 36.0<br>39.6 | 36.0         | 36.0         | 36.0<br>39.6 | 36.0         | 36.0<br>39.6 |
| ≥ 10000<br>≥ 9000     |     | 33.6         | 35.4<br>36.8 | 36.8         | 39.2         | 39.7         | 41.4         | 42.2         | 42.3         | 43.0         | 43.2<br>45.0 | 43.2<br>45.0 | 43.2         | 43.2         | 43.2         | 43.2<br>45.0 |
| ≥ 8000<br>≥ 7000      |     | 38.0<br>40.0 | 39.8<br>42.3 | 41.5         | 44.2         | 44.7         | 46.7         | 47.7<br>50.9 | 47.9<br>51.1 | 48.5<br>51.7 | 48.7<br>52.0 | 48.7         | 48.7         | 48.7<br>52.0 | 48.7         | 48.7<br>52.0 |
| ≥ 6000<br>≥ 5000      |     | 43.1         | 45.6         | 47.7         | 51.0<br>55.2 | 51.7<br>55.9 | 53,8<br>58,0 | 54.8<br>59.1 | 55.1<br>59.4 | 55.8<br>60.1 | 56.0<br>60.4 | 56.0         | 56.0         | 56.0         | 56.0<br>60.4 | 56.0         |
| ≥ 4500<br>≥ 4000      |     | 49.2         | 51.9         | 54.0<br>57.0 | 57.7<br>60.8 | 58.5<br>61.6 | 63.9         | 61.7         | 62.0         | 62.7         | 63.0         | 63.0         | 63,0         | 33.0<br>66.3 | 63.0         | 63.0         |
| ≥ 3500<br>≥ 3000      |     | 55.1<br>57.0 | 57.9         | 60.4         | 64.2         | 65.0         | 67.3         | 68.4<br>71.0 | 68.7         | 69.5<br>72.1 | 69.7<br>72.3 | 69.7         | 69.7         | 69.7         | 69.7         | 69.7         |
| ≥ 2500<br>≥ 2000      |     | 58.7         | 61.9         | 64.7         | 68.7         | 69.6         | 72.1         | 73.4         | 73.7         | 74.4         | 74.7         | 74.7         | 74.7         | 74.7         | 74.7         | 74.7         |
| ≥ 1800<br>≥ 1500      |     | 62.3         | 65.5         | 68.4         | 72.4         | 73.3         | 75.8<br>78.8 | 77.1         | 77.4         | 78.2<br>81.2 | 78.4<br>81.4 | 78.4<br>81.4 | 78.4<br>81.4 | 78.4<br>81.4 | 78.4         | 78.4         |
| ≥ 1200<br>≥ 1000      |     | 66.8         | 70.9         | 74.2         | 78.9         | 79.8         | 82.4         | 83.6         | 83.9         | 85.0         | 85.2<br>88.4 | 85.2<br>88.4 | 85.2<br>88.4 | 85.2         | 85.2         | 85.2         |
| ≥ 900<br>≥ 800        |     | 69.0         | 73.6         | 77.4         | 82.4         | 83.4         | 86.3         | 87.7         | 88.0         | 89.1         | 89.4         | 89.4         | 89.4         | 89.4         | 89.4         | 89.4         |
| ≥ 700<br>≥ 600        |     | 70.8         | 75.7         | 80.1         | 85.4         | 86.5         | 89.5<br>91.6 | 90.9         | 91.2         | 92.4         | 92.6         | 92.6         | 92.6         | 92.6         | 92.6         | 92.6<br>95.1 |
| ≥ 500<br>≥ 400        |     | 72.7         | 77.8         | 82.8         | 88.6         | 90.1<br>91.0 | 93.6         | 95.4         | 95.9         | 97.2         | 97.6<br>98.8 | 97.6         |              | 97.8<br>98.9 | 97.8         | 97.8         |
| ≥ 300<br>≥ 200        |     | 73.4         | 78.5<br>78.5 | 83.8         | 89.8         | 91.4         | 95.1<br>95.1 | 96.9         | 97.5         | 99.2         | 99.6         |              | 99.8         |              | 99.8         | 99.8         |
| ≥ 100<br>≥ 0          |     | 73.4         | 78.5<br>78.5 | 83.8         |              | 91.4         | 95.1<br>95.2 | 97.0         | 97.6         | 99.2         |              | 99.7         | 99.8         | 99.8         |              |              |

TOTAL NUMBER OF OBSERVATIONS

1299

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYU TAP JAPAN/HONSHU 46-54-56-60-68-71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING            |       |       |      |      |      |          | VI\$ | IBILITY /ST/ | ATUTE MILI | ES:        |      |      |      |       |      |       |
|--------------------|-------|-------|------|------|------|----------|------|--------------|------------|------------|------|------|------|-------|------|-------|
| FEET               | ≥10   | ≥6    | ≥5   | ≥ 4  | ≥3   | ≥212     | ≥ 2  | ≥1'7         | ≥1 ₄       | <u>≥</u> 1 | ≥ 14 | ≥′•  | ≥ ;  | ≥5 16 | ≥ .  | ≥0    |
| NO CEILING         |       | 21.1  | 22.6 | 23.8 | 25.3 | 25.5     | 25.8 | 26.2         | 26.4       | 26.6       | 26.7 | 26.7 | 26.B | 26.8  | 26.8 | 26.9  |
| ≥ 20000            |       | 23.2  | 24.7 | 26.3 | 28.0 | 28.2     | 28.8 | 29.3         | 29,4       | 29.7       | 29.8 | 29.8 | 29.9 | 29.9  | 29.9 | 30.0  |
| ≥ 18000            |       | 23.3  | 25.0 | 26.6 | 28.4 | 28.6     | 29.3 | 29,8         | 29.9       | 30.1       | 30.2 | 30.2 | 30.4 | 30.4  | 30.4 | 39.4  |
| ≥ 16000            |       | 23.7  | 25.4 | 27.0 | 28.8 | 29.1     | 29.8 | 30.3         | 30.4       | 30.7       | 30.8 | 30.8 | 30.9 | 30.9  | 30.9 | 31.0  |
| ≥ 14000<br>≥ 12000 | !<br> | 24.8  | 26.7 | 28.6 | 30.6 | 30.8     | 31.7 | 32.3         | 32.4       | 32.7       | 32.8 | 32.8 | 33.0 | 33.0  | 33.0 | 33.1  |
|                    |       | 27.1  | 29.1 | 31.4 | 33.5 | 33.7     | 34.7 | 35:3         | 35.4       | 35.7       | 35.8 | 35.8 | 36.0 | 36.0  | 36.0 | 36.0  |
| ≥ 10000<br>≥ 9000  |       | 29.4  | 31.5 | 33.9 | 36.3 | 36.5     | 37.4 | 3% . 1       | 38.3       | 38.5       | 38.7 | 38.7 | 38.8 | 38.8  | 38.8 | 38.9  |
|                    |       | 31.0  | 33.3 | 35.8 | 38.3 | 38.6     | 39.5 | 200          | 40.3       | 40.6       | 40.7 | 40.7 | 40.9 | 40.9  | 40.9 | 41.0  |
| ≥ 8000<br>≥ 7000   |       | 34.5  | 37.0 | 39.6 | 42.0 | 42.3     | 43.3 | 44.1         | 44.2       | 44.5       | 44.6 | 44.6 | 44.8 | 44.8  | 44.B | 44.9  |
|                    |       | 37.1  | 39.7 | 42.6 | 45.4 | 45.5     | 47.2 | 47.9         | 48.2       | 48.4       | 48.5 | 48.5 | 48.7 | 48.7  | 48.7 | 48.8  |
| ≥ 6000<br>≥ 5000   |       | 39.8  | 42.6 | 45.5 | 48.3 | 48.8     | 50.1 | 51.0         | 51.3       | 51.5       | 51.7 | 51.7 | 51.8 | 51.8  | 51.8 | 51.9  |
|                    |       | 43.7  | 46.5 | 49.5 | 52.4 | 52.9     | 54.1 | 55.1         | 55.4       | 55.6       | 55.8 | 55.8 | 56.0 | 56.0  | 56.0 | 56.1  |
| ≥ 4500<br>≥ 4000   |       | 45.9  | 48.8 | 51.8 | 54.8 | 55.3     | 56.7 | 57.0         | 57.9       | 58.1       | 58.4 | 58.4 | 58.5 | 58.5  | 58.5 | 58.6  |
|                    |       | 49.0  | 52.1 | 55.3 | 58.4 | 58.9     | 60.4 | 61.3         | 61.7       | 61.9       | 62.1 | 62.1 | 62.3 | 62.3  | 62.3 | 62.3  |
| ≥ 3500<br>≥ 3000   |       | 52.1  | 55.4 | 58.5 | 61.7 | 62.2     | 63.7 | 64.8         | 65.1       | 65.5       | 65.7 | 65.7 | 65.9 | 65.9  | 65.9 | 66.0  |
|                    |       | 25.0  | 58.3 | 61.6 | 64.7 | 65.3     | 66.7 | 67.9         | 68.2       | 68.6       | 68.8 | 68.8 | 68.9 | 69.9  | 68.9 | 69.0  |
| ≥ 2500<br>≥ 2000   |       | 57.1  | 60.5 | 63.8 | 67.1 | 67.6     | 69.2 | 70.3         | 70.6       | 71.0       | 71.2 | 71.2 | 71.4 | 71.4  | 71.4 | 71.5  |
|                    |       | 60.3  | 64.0 | 67.3 | 70.7 | 71.2     | 72.9 | 74.2         | 74.5       | 74.8       | 75.1 | 75.1 | 75.2 | 75.2  | 75.2 | 75.3  |
| ≥ 1800<br>≥ 1500   |       | 60.8  | 64.6 |      | 71.4 | 71.9     | 73.5 | 74.8         | 75.2       | 75.5       | 75.8 | 75.8 | 75.9 | 75.9  | 75.9 | 76.0  |
| ·                  |       | 62. R |      | 70.5 | 74.0 | <u> </u> | 76.2 | 77.5         | 77.8       | 78.1       | 78.4 | 78.4 | 78.5 | 78.5  | 78.5 | 78.6  |
| ≥ 1200<br>≥ 1000   |       | 65.0  |      | 73.2 | 77.1 | 77.8     | 79.5 | 80.8         | 81.1       | 81.6       | 61.8 | 81.8 | 82.0 | 82.0  | 82.0 | 82.1  |
|                    |       | 66,4  |      | 75.2 | 79.3 | 80.1     | 81.7 | 83.1         | 83.4       | 83.8       | 84.1 | 84.1 | 84.4 | 84.4  | 84.4 | 84.4  |
| ≥ 900<br>≥ 800     |       | 67.3  | 72.2 | 76.5 | 80.8 | 81.5     | 83.2 | 84.5         | 84.8       | 85.3       | 85.6 | 85.6 | 85.8 | 85.8  | 85.8 | 85.9  |
|                    |       | 68.9  | 74.0 | 78.7 | 83.3 | 84.0     | 86.0 | 87.3         | 87.6       | 88.0       | 88.4 | 88.4 | 88.7 | 88.7  | 88.7 | 88.7  |
| ≥ 700<br>≥ 600     |       | 70.6  | 76.1 | 81.1 | 85.8 | 86.6     | 88,5 | 89.8         | 90.1       | 90.6       | 91.0 | 91.0 | 91.3 | 91.3  | 91.3 | 91.3  |
|                    |       | 71.8  |      | 83.0 | 87.9 | 89.0     | 91.0 | 92.4         | 92.7       | 93.3       | 93.6 | 93.6 | 93.9 | 93.9  | 93.9 | 93.9  |
| ≥ 500<br>≥ 400     |       | 72.6  |      | 84.6 | 89.6 | 91.1     | 93.3 | 95.0         | 95.3       | 95.9       | 96.3 | 96.3 | 96.5 | 96.5  | 96.5 |       |
|                    |       | 73.2  | 79.7 | 85.4 | 91.0 | 92.6     | 95.0 | 97.1         | 97.4       | 98.2       | 98.6 | 98.6 | 98.8 | 98.8  | 98.8 |       |
| ≥ 300<br>≥ 200     |       | 73.3  | 79.8 | 85.6 | 91.3 |          |      | 97.5         | 97.9       |            | 99.3 | 50.3 | 99.5 | 99.6  | 99.6 |       |
|                    |       | 73.3  |      | 85.6 | 91.3 | 92.9     | 95.5 | 97.6         |            |            | 99.5 | 99.5 | 99.8 | 99.9  |      | 100.0 |
| ≥ 100              |       | 73.3  |      |      | 91.3 |          |      | 97.6         | 1          |            |      |      | 99.8 | 99.9  | -    | 100.0 |
| ≥ 0                |       | 73.3  | 79.8 | 85.6 | 91.3 | 92.9     | 95.5 | 97.6         | 98.0       | 98.9       | 99.5 | 99.5 | 99.8 | 99.9  | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

1304

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKYC TAP JAPAN/HUNSHU 46-54,56-60,68,71-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> ១៩០០-១៩០០</u>

| CEILING               |     |              |              |              |              |                      | VIS          | BILITY IST   | ATUTE MIL    | E\$,         |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2'₂                 | ≥2           | ביו≤         | ≥1′.         | ≥1           | ≥ 34         | ≥ ′•         | ≥ ,          | ≥ 5 16       | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 | _   | 11.8<br>16.0 |              | 15.3<br>20.3 | 17.1         | 17.9<br>23.2         | 19.2<br>25.0 | 20.6<br>26.8 | 20.9         | 21.7         | 22.1<br>28.7 | 22.1<br>28.7 | 22.3         | 22.3<br>28.8 | 22.3<br>28.8 | 22,3          |
| ≥ 18000<br>≥ 16000    |     | 16.0         | 18.4<br>18.8 | 20.3         | 22.3<br>22.8 | 23.2                 | 25.1<br>25.5 | 26.9<br>27.6 | 27.3<br>27.9 | 28.4         | 28.8<br>29.4 | 28.8         | 29.0<br>29.7 | 29.0<br>29.7 | 29.0<br>29.7 | 29.0<br>29.7  |
| ≥ 14000<br>≥ 12000    |     | 17.2         | 19.8         | 22.0         | 24.1<br>27.0 | 25.2<br>28.3         | 27.0<br>30.8 | 29.1         | 29.5<br>33.6 | 30.7         | 31.3<br>35.7 | 31.3<br>35.7 | 31.6<br>36.0 | 31.6<br>36.0 | 31.6<br>36.0 | 31.6<br>36.0  |
| ≥ 10000<br>≥ 9000     |     | 21.1         | 24.2         | 27.3<br>28.1 | 30.4<br>31.2 | 32.3                 | 35.1<br>36.2 | 37.5<br>38.7 | 38.0<br>39.2 | 39.3<br>40.7 | 40.0<br>41.5 | 40.2         | 40.5         | 40.5         | 40.5         | 40.5          |
| ≥ 8000<br>≥ 7000      |     | 23.3         | 27.0<br>28.8 | 30.7         | 34.2<br>36.4 | 36.3<br>38.5         | 39.4<br>41.9 | 42.3         | 42.9<br>45.5 | 44.4         | 45.3         | 45.5         | 45.8<br>48.7 | 45.8         | 45.8         | 45.8          |
| ≥ 6000<br>≥ 5000      | ·   | 25.7         | 30.4         | 34.7<br>36.9 | 38.8<br>41.4 | 41.0<br>43.8         | 44.4         | 47.7<br>50.8 | 48.3<br>51.5 | 50.1<br>53.4 | 51.0<br>54.3 | 51.2<br>54.4 | 51.5<br>54.7 | 51.5<br>54.7 | 51.5<br>54.7 | 51.5<br>54.7  |
| ≥ 4500<br>≥ 4000      |     | 28.2<br>30.5 | 33.5<br>36.6 | 38.3<br>41.5 | 43.0<br>46.7 | 45.5                 | 49.3<br>53.1 | 52.7<br>56.7 | 53.4<br>57.4 | 55.3<br>59.3 | 56.2<br>60.3 | 56.4<br>60.6 | 56.7<br>60.9 | 56.7         | 56.7<br>60.9 | 56.7          |
| ≥ 3500<br>≥ 3000      |     | 32.4         | 38.7<br>40.7 | 43.7         | 48.9<br>52.2 | 51.4<br>54.9         | 55.5<br>59.0 | 59.1<br>62.8 | 59.8<br>63.6 | 61.7<br>65.6 | 62.7<br>66.6 | 63.0<br>66.9 | 67.2         | 63.3         | 67.2         | 63.3          |
| ≥ 2500<br>≥ 2000      |     | 35.3<br>37.7 | 41.9         | 47.7<br>51.0 | 53.9<br>57.6 | 56.5<br>60.6         | 60.7<br>64.9 | 69.2         | 65.6<br>70.1 | 67.5<br>72.2 | 68.6<br>73.4 | 68.9<br>73.7 | 69.2<br>74.0 | 69.2<br>74.0 |              | 74.0          |
| ≥ 1800<br>≥ 1500      |     | 38.1<br>39.5 | 45.6         | 52.1<br>54.2 | 58.7<br>61.2 | 61.7                 | 69.0         | 70.5         | 71.5         | 73.6<br>76.6 | 74.7<br>77.7 | 75.0<br>78.0 | 78.3         | 75.3<br>78.3 | 78.3         | 75.3<br>78.3  |
| ≥ 1200<br>≥ 1000      |     | 40.3         | 48.4<br>50.2 | 55.4<br>57.4 | 62.9<br>65.3 | 66.3<br>68.8         | 71.0<br>73.8 | 75.5<br>78.4 | 76.6<br>79.5 | 78.9<br>82.1 | 80.1<br>83.5 | 80.5<br>83.9 | 80.8         | 80.8<br>84.2 | 80.8<br>84.2 | 80.8<br>84.6  |
| ≥ 900<br>≥ 800        |     | 42.2         | 51.2<br>52.8 | 58.5<br>60.3 | 66.5         | 70.0                 | 78.3         | 79.7<br>83.0 | 80.8         | 83.5<br>86.8 | 85.0<br>88.3 | 88.7         | 85.7<br>89.0 |              |              | 85.7<br>89.0  |
| ≥ 700<br>≥ 600        |     | 43,6         | 53.4<br>54.4 | 61.4<br>62.8 | 70.7<br>72.3 | 74.6<br>76.5         | 82.9         | 85.4<br>88.0 | 86.8         | 89.6<br>92.5 | 91.2<br>94.2 | 91.7         | 92.1<br>95.0 | 92.1<br>95.0 |              |               |
| ≥ 500<br>≥ 400        |     | 44.6         | 54.7<br>55.0 | - W-2 - W    | 73.1         | 77.5<br>78.3         | 83.9<br>84.9 | 89.3<br>70.5 | 90.8         | 94.2         | 96.0<br>97.7 | 96.6<br>98.3 | 98.6         | 96.9<br>98.6 | 98.6         |               |
| ≥ 300<br>≥ 200        |     | 45.0         | 55.2         | 63.9         | 74.1         | 78.5<br>7 <u>5.7</u> |              | 90.7         | 92.3<br>92.7 | 96.1<br>96.5 | 98.3<br>98.7 | 98.9<br>99.4 | 99.7         |              | 99.8         |               |
| ≥ 100<br>≥ 0          |     | 45.0<br>45.0 |              | 64.0         | 74.3         | 78•7<br>78•7         | 85.3<br>85.3 |              | 92.7<br>92.7 | 96.5<br>96.5 | 98.7<br>98.7 | • .          |              | 99.8         |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1321

USAF ETAC 101 0-11-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

TUKYU 1AP JAPAN/HUNSHU 46-54,56-60,68,71-72 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY STA  | ATUTE MILI   | ES           |              |              |              |              |                  |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥2,          | ≥ 2          | ≥1.          | ≥1.          | ≥1           | ≥ 14         | ≥,•          | ≥':          | ≥5 16        | ≥ .              | ≥0           |
| NO CEILING<br>≥ 20000 | _   | 21.0         | 22.7         | 23.9         | 25.9<br>34.0 | 26.4<br>34.8 | 26.8<br>35.4 | 27.3<br>36.2 | 27.3         | 27.4<br>36.5 | 27.6<br>36.7 | 27.6         | 27.6         | 27.6<br>36.7 | 27.6             | 27.6<br>36.7 |
| ≥ 18000<br>≥ 16000    |     | 28.5         | 30.6         | ,            | 34.6         | 35.4<br>35.7 | 36.0<br>36.3 | 36.8<br>37.2 | 37.0<br>37.3 | 37.1<br>37.5 | 37.3<br>37.7 | 37.3<br>37.7 | 37.3         | 37.3<br>37.7 | 37.3<br>37.7     | 37.3         |
| ≥ 14000<br>≥ 12000    |     | 29.5<br>32.5 | 31.5         | 33.4         | 35.8<br>39.6 | 36.7         | 37.3<br>41.1 | 38.2<br>42.1 | 38.4<br>42.2 | 38.6<br>42.4 | 38.9<br>42.7 | 38.9         | 38.9<br>42.7 | 38.9<br>42.7 | 38.9<br>42.7     | 38.9         |
| ≥ 10000<br>≥ 9000     |     | 35.5<br>36.9 | 36.3         | 41.0         | 44.0<br>46.1 | 45.1<br>47.3 | 46.1<br>48.4 | 47.2         | 47.3         | 47.6         | 47.9<br>50.1 | 47.9<br>50.1 | 47.9<br>50.1 | 47.9<br>50.1 | 47.9<br>50.1     | 47.9<br>50.1 |
| ≥ 8000<br>≥ 7000      |     | 39.2         | 42.7         | 46.0         | 49.4         | 50.6<br>52.2 | 51.9<br>53.5 | 52.1<br>54.9 | 53.3<br>55.1 | 53.5<br>55.4 | 53.8<br>55.7 | 53.8<br>55.7 | 53.8<br>55.7 | 53.8<br>55.7 | 53.8<br>55.7     | 53.8<br>55.7 |
| ≥ 6000<br>≥ 5000      |     | 41.8         | 45.9         | 49.5         | 53.3<br>55.9 | 54.5<br>57.2 | 55.8<br>58.8 | 57.3<br>60.5 | 57.6<br>60.7 | 57.8<br>61.0 | 58.2<br>61.4 | 58.2<br>61.4 | 58.2<br>61.4 | 58.2<br>61.4 | 58.2<br>61.4     | 58.2         |
| ≥ 4500<br>≥ 4000      |     | 44.9         | 49.4<br>52.6 | 53.0<br>56.4 | 57.1<br>60.9 | 58.5<br>62.4 | 64.5         | 62.0         | 62.2<br>56.6 | 62.6         | 63.0<br>67.5 | 63.0<br>67.5 | 63.0         | 63.0<br>67.5 | 63.0<br>67.5     | 63."<br>67.5 |
| ≥ 3500<br>≥ 3000      |     | 49.5         | 54.4<br>56.9 | 58.4         | 62.9         | 64.4         | 66.6         | 65.5<br>71.8 | 68.9<br>72.2 | 69.3<br>72.7 | 69.8<br>73.1 | 69.8<br>73.1 | 69.8         | 69.8<br>73.1 | 69.8             | 69.8         |
| ≥ 2500<br>≥ 2000      |     | 53.0         | 58.7         | 63.2         | 68.0<br>71.2 | 69.8         | 72.5         | 74.5         | 74.8<br>78.8 | 75.3<br>79.3 | 75.7<br>79.9 | 75.7<br>79.9 | 75.7         | 75.7         | 75.7             | 75.7<br>79.9 |
| ≥ 1800<br>≥ 1500      |     | 55.4         | 61.5         | 66.4<br>68.7 | 71.8<br>73.8 | 73.9         | 76.9<br>80.5 | 79.1<br>82.9 | 79.6<br>83.4 | 80.1<br>84.0 | 80.7<br>84.7 | 80.7<br>84.7 | 80.7         | 80.7<br>84.7 | 80.7<br>84.7     | 80.7         |
| ≥ 1200<br>≥ 1000      |     | 57.4<br>57.7 | 64.2         | 70.2         | 76.3<br>77.2 | 78.8<br>79.9 | 92.5<br>83.8 | 85.0<br>86.3 | 85.4<br>86.8 | 86.2<br>87.6 | 87.0<br>88.4 | 87.0<br>88.4 | E7.0<br>88.4 | 87.0<br>88.4 | 87.0<br>88.4     | 87.0<br>88.4 |
| ≥ 900<br>≥ 800        |     | 55.5         | 65.4<br>66.6 | 72.1<br>73.4 | 78.5<br>80.3 | 81.1<br>83.2 | 85.1<br>87.4 | 87.6<br>90.0 | 88.1<br>90.5 | 88.9<br>91.4 | 89.7<br>92.2 | 89.7<br>92.2 | 89.7<br>92.2 | 89.7<br>92.2 | 89.7<br>92.2     | 89.7<br>92.2 |
| 2 700<br>≥ 600        |     | 59.6         | 67.5         | 74.1<br>74.7 | 81.3<br>82.3 | 84.6         | 38.9<br>90.1 | 91.9<br>93.3 | 92.6         | 93.5         | 94.4<br>96.2 | 94.4         | 94.4         | 94.4         | 94.4<br>96.3     | 96.3         |
| ≥ 500<br>≥ 400        |     | 60.0         | 67.5<br>67.8 | 74.8         | 82.9<br>83.4 | 86.3<br>86.9 | 91.1<br>91.9 | 94.7         | 95.6<br>96.6 | 96.7<br>97.9 | 98.0<br>99.2 | 98.0         | 98.1<br>99.4 | 98.1         | 98 • 1<br>99 • 4 | 98.1         |
| ≥ 300<br>≥ 200        |     | 60.2         |              | 75.1<br>75.1 | 93.7         | 87.2<br>87.2 | 92.3<br>92.3 | 96.1<br>96.1 | 97.0<br>97.0 | 98.3<br>98.3 | 99.8         | 99.8<br>99.8 | 100.0        | 100.0        |                  | 100.0        |
| ≥ 100<br>≥ 0          |     | 60.2         | 67.8         |              | 83.7         | 87.2<br>87.2 | 92.3         | 96.1<br>96.1 | 97.0<br>97.0 |              |              |              |              |              | 100.0<br>100.0   |              |

TOTAL NUMBER OF OBSERVATIONS

1331

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYO IAP JAPAN/HONSHU 46-54,56-60,68,71-72

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING               |     |              |              |              |              |              | VIS          | BILITY -ST   | ATUTE MIL    | ES           |              |              |                |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2 2         | ≥ 2          | ≥1'2         | ≥1.          | ≥1           | ≥ ,⁴         | ≥'₁          | ≥ .            | ≥5 16        | ≥ .          | ≥0           |
| VO CEILING<br>≥ 20000 |     | 29.C         | 30.0<br>41.0 | 30.4         | 30.8<br>42.1 | 31.0         | 31.2<br>42.6 | 31.4<br>42.8 | 31.4         | 31.4<br>42.8 | 31.4<br>42.8 | 31.4<br>42.8 | 31.4<br>42.8   | 31.4         | 31.4<br>42.8 | 31.4<br>42.8 |
| ≥ 18000<br>≥ 16000    |     | 40.2<br>40.8 | 41.7         | 42.3         | 42.8         | 43.1         | 43.4         | 43.5         | 43.5         | 43.5         | 43.5         | 42.5         | 43.5           | 43.5         | 43.5         | 43.5         |
| ≥ 14000<br>≥ 12000    |     | 42.8         | 44.6         | 45.2         | 45,8<br>50.1 | 46.1<br>50.4 | 46.3<br>50.7 | 46.5<br>50.8 | 46.5<br>50.8 | 46.5<br>50.8 | 46.5<br>50.8 | 41.5<br>50.8 | 46.5           | 46.5<br>50.8 | 46.5<br>50.8 | 46.5<br>50.8 |
| ≥ 10000<br>≥ 9000     |     | 51.6<br>52.5 | 53.9<br>54.8 | 55.0<br>55.9 | 55.6<br>56.5 | 56.0         | 56.2<br>57.2 | 56.4<br>57.5 | 56.4<br>57.5 | 56.4<br>57.5 | 56.4<br>57.5 | 56.4<br>57.5 | 56.4<br>57.5   | 56.4<br>57.5 | 56.4<br>57.5 | 56.4<br>57.5 |
| ≥ 8000<br>≥ 7000      |     | 55.1<br>56.6 | 57.7<br>59.4 | 58.9<br>60.8 | 59.7<br>61.5 | 60.1         | 60.4<br>62.4 | 60.7<br>62.8 | 60.7         | 60.7         | 60.7<br>63.1 | 60.7         | 60.7<br>63.1   | 60.7<br>63.1 | 60.7         | 60.7         |
| ≥ 6000<br>≥ 5000      |     | 58.3<br>60.5 | 61.3         | 62.9         | 63.7         | 64.1         | 64.5         | 67.4         | 65.0         | 65.2         | 65.3<br>67.7 | 65.3         | 65.3           | 65.3<br>67.7 | 65.3         | 65.3         |
| ≥ 4500<br>≥ 4000      |     | 61.4         | 64.8         | 66.3<br>70.0 | 67.1         | 67.5         | 68.0         | 68.5         | 68.5         | 68.8<br>72.7 | 68.5         | 68.9         | 68.9           | 68.9<br>72.9 | 68.9         | 68.9<br>72.9 |
| ≥ 3500<br>≥ 3000      |     | 67.0         | 69.4<br>71.0 | 71.6         | 72.7         | 73.2<br>75.3 | 73.6         | 74.4         | 74.4         | 74.7         | 74.7         | 74.7         | 74.8           | 74.8         | 74.5         | 74.8         |
| ≥ 2500<br>≥ 2000      |     | 69.2<br>71.5 | 73.6         | 76.2         | 77.9<br>81.0 | 78.5<br>81.6 | 79.1<br>82.3 | 80.2<br>83.5 | 80.2<br>83.5 | 80.7<br>84.1 | 80.8         | 80.8         | 80.8           | 80.8<br>84.4 | 80.8         | 80.8<br>84.4 |
| ≥ 1800<br>≥ 1500      |     | 72.0<br>73.2 | 76.8         | 79.7         | 82.0<br>84.4 | 82.6<br>85.1 | 83.2<br>86.1 | 84.4         | 84.4         | 85.1<br>88.2 | 85.3<br>88.5 | 85.3<br>88.5 | 85.4<br>88.5   | 85.4<br>85.5 | 85.4<br>88.5 | 85.4<br>88.5 |
| ≥ 1200<br>≥ 1000      |     | 73.8         | 79.2         | 82.7         | 85.5<br>87.0 | 86.6<br>88.1 | 87.7<br>89.3 | 89.0<br>90.7 | 99.0         | 90.0         | 90.3<br>92.1 | 90.3         | 90.4           | 90.4         | 90.4         | 90.4<br>92.3 |
| ≥ 900<br>≥ 800        |     | 75.0<br>75.8 |              | 84.9         | 87.8<br>89.0 | 88.9<br>90.2 | 90.3         | 91.8         | 92.0         | 92.9         | 93.2         | 93.4         | 93.4<br>95.1   | 93.4<br>95.1 | 93.4         | 93.4<br>95.1 |
| ≥ 700<br>≥ 600        |     | 76.0<br>76.2 | 82.1         | 86.6         | 89.8<br>90.1 | 91.1         | 92.6<br>93.2 | 94.3         | 94.6         | 95.8         | 96.2<br>97.2 | 96.3         | 96.4           | 96.4         | 96.4         | 96.4         |
| ≥ 500<br>≥ 400        |     | 76.7<br>76.7 | 82.8         | 87.3<br>87.6 | 90.6         | 92.5         | 93.9         | 96,0         |              | 98.0<br>98.9 | 98.6<br>99.6 | 98.7         | 98.8<br>99.8   | 98.8<br>99.8 |              | "            |
| ≥ 300<br>≥ 200        |     | 76.7<br>76.7 | 83.1         | 87.7<br>87.7 | 91.0         | 92.6         | 94.6         |              |              | 99.0         |              |              |                |              |              | 100.0        |
| ≥ 100<br>≥ 0          |     | 76.7<br>76.7 | 83.1         | 87.7<br>87.7 | 91.0         | 92.6<br>92.6 |              |              |              | 99.0         |              |              | 100.0<br>100.0 |              |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1342

USAF ETAC 1804 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 IDKYLL LAP JAPAN (+DNSHU 46-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEIUNG                |      |              |              |              |              |               | VIS          | BILITY ISTA  | ATUTE MILI   | ES           |              |              |              |              |              |              |
|-----------------------|------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 'f[;                  | ≥ 10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥2            | ≥ 2          | ≥1'.         | ≥1 .         | ا≴           | ≥ ′₄         | ≥ ,          | ≥ ,          | ≥5 16        | ٤.           | ≥0           |
| NO CEILING<br>≥ 20000 |      | 29.5         | 29.9<br>40.7 | 30.1<br>41.3 | 30.3<br>41.6 | 30.3<br>41.6  | 30.4         | 30.4<br>41.6 | 30.4<br>41.6 | 30.4         | 30.4<br>41.6 | 30.4<br>41.6 | 30.4<br>41.6 | 30.4<br>41.5 | 30.4<br>41.6 | 30.4         |
| ≥ 18000<br>≥ 16000    |      | 40.5         | 41.0         | 41.6         | 41.9         | 41.9          | 41.9         | 41.9         | 41,9         | 41.9         | 41.9         | 41.9         | 41.9         | 41.9         | 41.9         | 41.9         |
| ≥ 14(°00<br>≥ 12000   |      | 43.8         | 44.7         | 45.3<br>50.8 | 45.7         | 45.7          | 45.8<br>51.4 | 45.8<br>51.4 | 45.8<br>51.4 | 45.8<br>51.4 | 45.8         | 45.8<br>51.4 | 45.8<br>51.4 | 45.8<br>51.4 | 45.8<br>51.4 | 45.8         |
| ≥ 10000<br>≥ 9000     |      | 53.2         | 54.4         | 55.3<br>56.8 | 55.7<br>57.2 | 55.9          | 55.9<br>57.5 | 56.0<br>57.6 | 56.1<br>57.7 | 56.1<br>57.7 | 56.1<br>57.7 | 56.1<br>57.7 | 56.1<br>57.7 | 56.1<br>57.7 | 56.1<br>57.7 | 56.1<br>57.7 |
| ≥ 8000<br>≥ 7000      |      | 57.8<br>59.4 | 59.2         | 60.2         | 60.8         | 61.C          | 61.1         | 61.2         | 61.3         | 61.4         | 63.6         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         |
| ≥ 6000<br>≥ 5000      |      | 60.8         | 64.8         | 63.4         | 64.2         | 64.3          | 64.5         | 64.8         | 64.9         | 65.1<br>65.0 | 65.1         | 65.1         | 65.1         | 65.1<br>68.1 | 65.1<br>68.1 | 65.1         |
| ≥ 4500<br>≥ 4000      |      | 64.1         | 69.3         | 67.2         | 58.1         | 68.3          | 68.5         | 68,9         | 69.1         | 69.2         | 69.3         | 69.3         | 69.3         | 69.3         | 69.3         | 69.3         |
| ≥ 3500<br>≥ 3000      |      | 68.9         | 71.2         | 72.7         | 74.0         | 74.4          | 74.7         | 75.1<br>78.1 | 75.4<br>78.4 | 75.6<br>78.7 | 75.7         | 75.7         | 75.7         | 75.7<br>78.8 | 75.7<br>78.8 | 75.7<br>78.8 |
| ≥ 2500<br>≥ 2000      |      | 73.6         | 70.4         | 78.4         | 80.3         | 80.8<br>84.9  | 81.2         | 81.6         | 81.9         | 82.2         | 82.2         | 82.2         | 82.2         | 82.2<br>86.4 | 82.2         | 82.2<br>86.4 |
| ≥ 1800<br>≥ 1500      |      | 77.2         | 80.4         | 82.5         | 84.9         | 85.5<br>87.3  | 86.1         | 86.5<br>88.5 | 86.8         | 87.2         | 87.3<br>89.5 | 87.3         | 87.3         | 87.3<br>89.5 | 87.3         | 87.3<br>89.5 |
| ≥ 120C<br>≥ 1000      |      | 79.4         | 82.9         | 85.3         | 88.1         | 89.2          | 90.2         | 90.7         | 91.1         | 91.6         | 91.9         | 91.9         | 92.0         | 92.0         | 92.0         | 92.C         |
| ≥ 900<br>> 800        |      | 80.7         | 84.6         | 87.1         | 90.2         | \$1.3<br>92.0 | 92.6         | 93.4         | 93.8         | 94.4         | 94.7         | 94.7         | 94.8         | 94.8         | 94.8         | 94.8         |
| ≥ 700<br>≥ 600        |      | 81.7         | 85.7         | 88.2         |              | 92.5          | 94.1         | 95.0<br>95.7 | 95.3         | 96.2         | 96.5         | 96.5         | 96.6         | 96.6         | 96.6         |              |
| ≥ 500<br>≥ 400        |      | 81.7         | 85.9         | 88.7         | 92.1         | 93.3          | 95.1<br>96.1 | 96.1<br>97.2 | 96.6         | 97.5         | 97.9         | 97.9<br>99.3 | 98.1         | 98.1         | 98.1<br>99.5 | 98.1         |
| ≥ 300<br>≥ 200        |      | 82.4         | 80.7         | 89.7         | 93.1         | 94.4          | 96.3         |              | 98.2<br>98.2 | 99.3         | 99.8         | 99.8         | 100.0        |              | 100.0        | 100.C        |
| ≥ 100<br>≥ 0          |      | 82.4<br>82.4 | 86.7         | 89.7         | 93.1         | 94.4          | 96.3<br>96.3 | 97.5<br>97.5 | 98.2<br>98.2 | 99.3<br>99.3 | 99.8         | 99.8         | 100.0        | 100.0        | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS

1328

USAF FTAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

49311 TOKY: 14P JAPAN/HUNSHU 46-54,56-60,68,71-72

SIP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-5000

| CEILING               |     |              |              |              |              |                  | VIS          | 1811-17 · ST | ATUTE MIL    | ES           |              |              |              |              |                  |             |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|-------------|
| FEET.                 | ≥10 | ≥ 6          | ≥ 5          | ≥ 4          | ≥3           | ≥2′2             | 2.2          | ≥ 'ז         | 21.          | ≥1           | ≥ 14         | ≥ '₃         | ≥.           | ≥5 16        | ≥ .              | ≥0          |
| NO CEILING<br>≥ 20000 |     | 26.4         | 27.0         | 28.2         | 28.7<br>36.5 | 28.9             | 29.2         | 29.2         | 29.2         | 29.2         | 29.2         | 29.2         | 29.2         | 29.2<br>37.1 | 29.2             | 29.2        |
| ≥ 18000<br>≥ 16000    |     | 34.7         | 35.3         |              | 37.2<br>37.6 | 37.4             | 37.6<br>38.0 | 37.7<br>38.1 | 37.7<br>38.1 | 37.8<br>38.2 | 37.8<br>38.2 | 37.8<br>38.2 | 37.8<br>38.2 | 37.8<br>38.2 | 37.8<br>38.2     | 37.6<br>38. |
| ≥ 14000<br>≥ 12000    |     | 37.4         | 38.2         | 39.5<br>45.7 | 40.Z         | 40.6             | 40.8         | 40.9         | 40.9         | 41.1         | 41.1         | 01.1<br>47.9 | 41.1         | 41.1         | 41.1             | 41.         |
| ≥ 10000<br>≥ 9000     |     | 48.0         | 49.2<br>50.5 | 51.0<br>52.2 | 52.1<br>53.4 | 52.6<br>53.9     | 53.1<br>54.5 | 53.4<br>54.9 | 53.4<br>55.0 | 53.7<br>55.2 | 53.7<br>55.3 | 53.7<br>55.3 | 53.7<br>55.3 | 53.7<br>55.3 | 53.7<br>55.3     | 53.<br>55.  |
| ≥ 8000<br>≥ 7000      |     | 51.9<br>53.1 | 53.2         | 55.0<br>56.2 | 56.3<br>57.5 | 56.7<br>58.0     | 57.3<br>58.6 | 57.7<br>59.0 | 57.8<br>59.1 | 58.0<br>59.3 | 58.1<br>53.4 | 58.1<br>59.4 | 58.1<br>59.4 | 58.1<br>59.4 | 58 • 1<br>59 • 4 | 58.<br>59.  |
| ≥ 6000<br>≥ 5000      |     | 55.2<br>58.9 | 56.6         | 58.5         | 59.9<br>63.9 | 60.5<br>64.4     | 61.1         | 61.6         | 61.7         | 61.9         | 62.0         | 62.0         | 62.0         | 66.0         | 62.0             |             |
| ≥ 4500<br>≥ 4000      |     | 60.0         |              | 64.2         | 65.6         | 66 • 1<br>69 • 1 | 66.9         | 67.4<br>70.5 | 70.6         | 67.8<br>70.9 | 67.9<br>71.0 | 67.9         | 67.9<br>71.0 | 67.9<br>71.0 | 67.9<br>71.0     | 67.<br>71.  |
| ≥ 3500<br>≥ 3000      |     | 64.5         |              | 69.7         | 71.1<br>73.4 | 71.9<br>74.2     | 72.8         | 73.4<br>75.9 | 73.5<br>76.1 | 73.8         | 73.9<br>76.5 | 73.9         | 73.9         | 73.9<br>76.5 | 73.9             | 73.<br>76.  |
| ≥ 2500<br>≥ 2000      |     | 69.3<br>72.0 |              | 75.0<br>78.1 | 76.8         | 77.6<br>80.7     | 78.6<br>81.8 | 79.3<br>82.6 | 79.5<br>82.8 | 79.8<br>83.1 | 79.9<br>83.2 | 79.9<br>83.2 | 79.9         | 79.9<br>83.2 | 79.9<br>83.2     | 79.<br>83.  |
| ≥ 1800<br>≥ 1500      |     | 72.6         | 75.3         |              | 80.7         | 81,6<br>84.4     | 82.8         | 83,6<br>86,6 | 83.8         | 84.1<br>87.2 | 84.2         | 84.2         | 84.2         | 84.2<br>87.4 | 84.2             | _           |
| ≥ 1200<br>≥ 1000      |     | 75.9         |              | 83.1         | 85.3<br>97.6 | 86.5<br>88.9     | 88.0<br>90.5 | 98.9<br>91.4 | 89.1<br>91.6 | 89.5<br>92.1 | 87.8         | 89.8<br>92.4 | 89.8<br>92.4 | 89.8<br>92.4 | 39.8<br>92.4     | 89.<br>92.  |
| ≥ 900<br>≥ 800        |     | 78,3         |              | 86.0         |              | 90.0             | 91.8         | 92.6         | 92.8         | 93.4<br>95.1 | 93.6         | 93.6         | 93.6         | 93.6<br>95.3 | 95.3             | 95,         |
| ≥ 700<br>≥ 600        |     | 79.9         |              | 88.2<br>88.6 | 1            | 92.5             | 94.5         | 95.5<br>96.4 | 95.9         | 96.5         | 97.8         | 96.7<br>97.8 |              | 96.7         |                  | 96          |
| ≥ 500<br>≥ 400        |     | 80.5         | 85.0         | 89.3         | 92.4         | 93.7             |              | 97.3         | 97.8<br>98.1 | 99.0         | 99.2         | 99.2         | 98.9         | 98.9         | 98.9             | 99          |
| ≥ 300<br>≥ 200        |     | 80.7         | 85.0         | 89.5         | 92.7         | 94.4             | 96.6         |              | 98.5<br>98.7 | 99.6         | 100.0        | 100.0        | 100.0        | 100.0        | 99.6<br>100.0    | 100         |
| ≥ 100<br>≥ 0          |     | 50.7<br>80.7 |              |              | 92.7         | 94.4             |              |              | 98.7<br>98.7 |              | 100.0        |              | 100.0        |              | _                | 100.        |

TOTAL NUMBER OF OBSERVATIONS

1310

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43313 IONY 142 JAPAN HUNSHU 46-54, 56-60, 68, 71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |             |              |        |              |              |                  | VIS          | IBILITY IST  | ATUTE MIL    | ES           |              |              |              |              |                |              |
|-----------------------|-------------|--------------|--------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEE 1                 | ≥ 10        | ≥6           | ≩.5    | ≥ 4          | ≥3           | ≥2 ≀             | ≥ 2          | ≥1'.         | ≥1.          | ≥1           | ≥ ′₄         | >,,          | ≥ .          | ≥5 16        | ≥ ,            | ≥0           |
| NO CEILING<br>≥ 20000 |             | 28.4<br>32.2 | 29.1   | 30.0         | 30.8         | 30.9             | 31.3         | 31.6         |              | 31.6         | 31.6         | 31.6         | 31.6         | 31.6         | 31.6           | 31.6         |
| ≥ 18000<br>≥ 16000    |             | 32.9         | 33.7   | 34.8         | 35.7         | 35.8             | 36.5<br>36.5 | 36.7         | 36.7         | 36.8<br>36.8 | 36.8<br>36.8 | 36.8         | 36.8         | 36.8         | 36.6<br>36.8   | 36.8         |
| ≥ 14000<br>≥ 12000    | <del></del> | 35.5         | 36.4   | 37.7         | 38.7         | 38.8             | 39.6         | 39.8         | 39.8         | 39.9         | 39.9         | 39.9         | 39.9         | 39.9         | 39.9           | 39.9<br>46.0 |
| ≥ 10000<br>≥ 9000     |             | 43.6         |        | 46.8         | 48.2         | 48.6             | 49.7         | 50.4         | 50.4         | 50.5         | 50.5<br>52.3 | 50.5         | 50.5         | 50.5         | 50.5           | 50.5         |
| ≥ 8000<br>≥ 7000      |             | 47.0         |        | 50.8         | 52.3         | 52.8<br>55.0     | 56.2         | 54.7         | 54.7<br>57.1 | 54.9         | 54.9<br>57.3 | 54.9<br>57.3 | 54.9         | 54.9<br>57.3 | 54.9           | 54.9         |
| ≥ 6000<br>≥ 5000      |             | 51.8<br>55.7 | 53.8   | 55.8         | 57.5<br>61.8 | 58.0<br>62.3     | 59.2         | 60.0         | 60.1         | 60.3         | 60.3<br>64.8 | 60.3         | 60.3         | 60.3<br>64.3 | 60.3           | 60.3         |
| ≥ 4500<br>≥ 4000      |             | 56.0         | 60.0   | 7            | 64.2         | 64.7             | 66.4         | 67.3         | 67.4         | 67.7         | 67.7<br>71.2 | 67.7         | 67.7         | 67.7         | 67.7           | 67.7         |
| ≥ 3500<br>≥ 3000      |             | 63.8         |        | 71.4         | 70.7         | 71.2             | 72.9         | 73.7         | 73.9         | 74.1         | 74.1<br>77.0 | 74.1         | 74.1         | 74.1<br>77.0 | 74.1           | 74.1         |
| ≥ 1500<br>≥ 2000      |             | 68.0         |        |              | 75.5         | 76 • 1<br>78 • 4 | 78.2         | 79.0         | 79.2<br>81.6 | 79.4<br>81.9 | 79.4<br>81.9 | 79.4         | 79.4         | 79.4         | 79.4           | 79.4         |
| ≥ 1800<br>≥ 1500      |             | 70.0         | ,      | 1            | 78.4<br>81.0 | 79.0             | 81.1         | 82.0<br>84.7 | 82.2         | 82.5<br>85.2 | 82.5<br>85.2 | 82.5         | 82.5         | 82.5<br>85.2 | 82.5<br>85.2   | 82.5<br>85.2 |
| ≥ 1200                |             | 74.0         |        |              | [ "          | 84.3             | 86.5         | 87.4<br>30.2 | 87.6<br>90.3 | 87.9<br>90.8 | 90.8         |              | 87.9<br>70.8 |              | 87.9<br>90.8   | 37.9<br>90.8 |
| ≥ 900<br>≥ 800        |             | 76.4         | 1      |              | 87.2         | 58.2             | 90.5         | 93.6         | 93.8         | 92.2         | 94.2         | 94.2         | 92.2         | 94.2         | 94.2           | 92.2         |
| ≥ 700<br>≥ 600        |             | 79.0         | 1 - 14 |              | 1            |                  | 93.5         | 96.4         | 96.5         | 95.5         | 97.0         | 97.0         | 97.0         | 97.0         | 97.0           | 97.0         |
| ≥ 500<br>≥ 406        |             | 80.0         | 84.3   | 89.0<br>89.2 | 92.7         | 93.8             | 96.0<br>96.4 | 98.4         | 98.5         | 98.9<br>99.5 | 99.5         | 99.3         | 99.5         | 99.5         | 99.5           | 79.5         |
| ≥ 300 ≥ 200           |             | 80.3         | 84,4   | 89.3         | 92.8         | 93.9             | 96.5         | 98.5         | 98.7         | 99,7         | 99,9         | 99.9         |              | 100.0        | 100.0          |              |
| ≥ 100                 | L           | 80.3         | ,      | 89.3         | ,            | 93.9             | 96.5<br>96.5 |              |              |              | 99.9         |              |              |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS

1302

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

42311 TOKYO 1AP JAPAN/HONSHU 46-54-56-60-68-71-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |                                       |              |              |              |              |              | VIS          | BILITY (STA  | ATUTE MILI   | ES.          |              |              |              |              |              |               |
|-----------------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 1 1861                | ە، <                                  | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2',         | ≥ 2          | ≥1',         | ≥1'₄         | ≥1           | ≥ 14         | ≥ '*         | ≥ '2         | ≥ 5 16       | ≥ '4         | ≥0            |
| NO CEILING<br>≥ 20000 |                                       | 20.7         | 22.6         | 24.6         | 27.2         | 27.7<br>29.8 | 29.4         | 30.3<br>32.7 | 30.7         | 31.7         | 32.1         | 32.2         | 32.2         | 32.2         | 32.2         | 32.2          |
| ≥ 18000<br>≥ 16000    |                                       | 22.2         | 24.4         | 26.7         | 29.5<br>30.0 | 30.0         | 31.9         | 33.0<br>33.5 | 33.3<br>33.8 | 34.4         | 34.9<br>35.4 | 34.9         | 34.9<br>35.4 | 34.9         | 34.9         | 34.9<br>35.4  |
| ≥ 14000<br>≥ 12000    |                                       | 23.8         | 26.0<br>28.4 | 28.5         | 31.5         | 32.1<br>34.8 | 34.2         | 35.4<br>38.4 | 35.7<br>38.7 | 36.8<br>40.0 | 37.3<br>40.4 | 37.3<br>40.5 | 37.3         | 37.3         | 37.3         | 37.3<br>40.5  |
| ≥ 10000<br>≥ 9000     |                                       | 28.8         | 31.9         | 34.6         | 38.5         | 39.2         | 41.8         | 43.2<br>45.1 | 43.5         | 44.9<br>46.8 | 45.3         | 45.4         | 45.4         | 45.4         | 45.4         | 45.4<br>47.4  |
| ≥ 8000<br>≥ 7000      |                                       | 32.8         | 36.0         | 38.9         | 42.8         | 43.7         | 40.6         | 48.1<br>51.4 | 48.4<br>51.8 | 49.8<br>53.2 | 50.3         | 50.4<br>53.8 | 50.4<br>53.8 | 50.4         | 50.4         | 50.4<br>53.8  |
| ≥ 6000<br>≥ 5000      |                                       | 38.4<br>42.0 | 41.8         | 44.8<br>48.7 | 49.0<br>53.1 | 50.0<br>54.0 | 53.3<br>57.5 | 54.9<br>59.1 | 55.2<br>59.4 | 56.6<br>60.8 |              | 57.2<br>61.6 | 57.2<br>61.6 | 57.2         | 57.2         | 57.2<br>61.6  |
| ≥ 4500<br>≥ 4000      |                                       | 44.3         | 48.0<br>52.6 | 51.1<br>55.7 | 55.7<br>60.4 | 56.8<br>61.5 | 60.3         | 62.0         | 67.3         | 63.7<br>68.6 | 69.4         | 64.5<br>69.4 | 64.5         | 04.5         | 64.5<br>69.4 | 64.5          |
| ≥ 3°00<br>≥ 3000      |                                       | 52.0<br>54.9 | 56.1<br>59.2 | 59.3<br>62.4 | 64.0         | 65 · 1       | 68.9<br>72.1 | 70.8<br>74.0 | 71.1         | 72.6<br>75.9 |              | 73<br>76.7   | 73.5<br>76.7 | 73.5         | 73.5         | 73.5          |
| ≥ 2500<br>≥ 2000      |                                       | 57.0         | 61.3         | 64.8<br>67.8 | 59.7<br>73.1 | 71.0<br>74.3 | 74.8<br>78.3 | 76.8<br>80.7 | 77.2<br>81.0 | 78.8<br>82.6 | 83.4         |              | 79.6         | 79.6         | 79.6<br>33.4 | 79.6<br>83.4  |
| ≥ 1800                | · · · · · · · · · · · · · · · · · · · | 59.6         | 65.9         | 68.3         | 73.6         | 74.8         | 78.8<br>80.7 | 81.2<br>83.1 | 81.5<br>83.4 | 83.2         |              | 84.0<br>85.8 | 84.0<br>85.8 | 84.0<br>85.8 | 84.0         | l ' - '       |
| ≥ 1200                | <del>-</del>                          | 62.3         | 67.5         | 71.7<br>73.2 | 77.2<br>78.8 | 78.5<br>80.2 | 82.7<br>84.5 | 85.2<br>87.2 | 85.6<br>87.7 | 87.2<br>89.4 |              | 88.0<br>90.2 | 88.0<br>90.2 | 90.2         | 90.2         | 88.0<br>90.2  |
| ≥ 900<br>≥ 800        |                                       | 63.4         | 69.0         | 73.6         | 79.2<br>80.2 | 80.6<br>81.7 | 85.0<br>86.1 | 87.7<br>88.8 | 88,2<br>89.4 | 89.8<br>91.2 | 91.9         | 90.6         | 1            | 90.6         | 90.6         |               |
| ≥ 700<br>≥ 600        |                                       | 64.6         | 71.9         | 77.0         |              | 82.9<br>85.0 | 87.5<br>89.8 | 90.2         | 90.7         | 95.2         | 95.9         | 96.0         | 96.0         | 93.4         | 96.0         |               |
| ≥ 500<br>≥ 400        |                                       | 66.6         | 72.9         | 78.1<br>78.4 | 84.4         | 86.2<br>86.7 | 91.2<br>91.9 | 94.4         | 95.2<br>96.0 | 97.2<br>98.0 | 98.7         | 98.8         | 98.9         | 99.9         | 98.9         | 98.9          |
| ≥ 300                 |                                       | 66.8         | 73.2         | 78.6<br>76.6 | 85.1         | 86.9<br>86.9 | 92.0<br>92.1 | 95.3         | 96.2         | 98.2<br>98.3 | 99.1         | 99.1         | 99.3         | 99.3         | 99.4         | 99.6          |
| ≥ 100<br>≥ 0          |                                       | 66.8         |              | 78.6<br>78.6 | 85.1<br>85.1 | 86.9<br>86.9 | 92.1         | 95.4<br>95.4 | 96.3         | 98.3<br>98.3 |              | 99.1         | 99.3         | 99.4         |              | 99.6<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1371

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLUTE

# CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN/HONSHU 46-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C300-0500

| CEILING               |     |              |              |              |              |                  | VIS                  | BILITY ISTA  | ATUTE MILI   | ES.          | -            |              |              |              |              |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥2,              | ≥ 2                  | ≥1'2         | ≥1'.         | ≥1           | ≥ ,4         | ≥ `•         | ≥ :          | ≥ 5 16       | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |     | 24.2         | 26.4         | 28.8         | 30.9         | 31.7             | 32.6                 | 33.0         | 33.2         | 33.2         | 33.4         | 33.4         | 33.4         | 33.4         | 33.4         | 33.4         |
| ≥ 18000<br>≥ 16000    |     | 25.9         | 28.3         | 30.9         | 33.2         | 34.3             | 35.4                 | 35.7         | 36.0         | 36.0<br>36.9 | 36.1         | 36.1         | 36.1         | 36.1         | 36.1         | 36.1         |
| ≥ 14000<br>≥ 12000    |     | 27.7         | 30.1         | 33.1         | 35.9<br>38.8 | 37.0             | 38.2                 | 38.6<br>41.6 | 38.9         | 39.0         | 39.1         | 39.1         | 39.1         | 39.1         | 39.1         | 39.1         |
| ≥ 10000<br>≥ 9000     |     | 32.3         | 35.2<br>36.5 | 38.9         | 42.0         | 43.2             | 44.6                 | 45.3         | 45.6         | 45.7         | 45.8         | 45.8         | 45.8         | 45.5         | 45.8         | 45.8         |
| ≥ 8000<br>≥ 7000      |     | 37.6         | 40.7<br>43.7 | 44.5         | 47.7<br>50.9 | 49.2             | 50.6                 | 51.3<br>54.7 | 51.7<br>55.1 | 51.8<br>55.1 | 51.9<br>55.3 | 51.9<br>55.3 | 51.9<br>55.3 | 51.9<br>55.3 | 51.9         | 51.9<br>55.3 |
| ≥ 6000<br>≥ 5000      |     | 42.4         | 45.9         | 49.8<br>52.9 | 53.2<br>56.4 | 54.9<br>58.0     | 56.3<br>59.5         | 57.1<br>60.2 | 57.4         | 57.5<br>60.7 | 57.6<br>60.8 | 57.6<br>60.8 | 57.6         | 57.6         | 57.6<br>60.8 | 57.6         |
| ≥ 4000<br>≥ 4000      |     | 48.3<br>52.5 |              | 56.1<br>69.5 | 59.7<br>64.1 | 61.4             | 62.9                 | 63.6         | 64.0         | 64.0<br>68.5 | 64.2         | 64.2         | 64.2         | 64.2         | 64.2         | 64.2         |
| ≥ 3500<br>≥ 3000      |     | 56.0<br>58.5 | 60.1         | 64.2         | 67.9<br>70.7 | 69.6<br>72.5     | 71.2                 | 72.0         | 72.4         | 72.4         | 72.6<br>75.7 | 72.6         | 72.6         | 72.6         | 72.6<br>75.7 | 72.6         |
| ≥ 2500<br>≥ 2000      |     | 62.0         |              | 70.8         | 74.9         | 76.6<br>79.8     | 78.3<br>81.6         | 79.2<br>82.5 | 79.6<br>82.9 | 79.7<br>83.1 | 79.9<br>83.3 | 79.9<br>83.3 | 79.9<br>83.3 | 79.9<br>83.3 | 79.9<br>83.3 | 79.9<br>83.3 |
| ≥ 1800<br>≥ 1500      | ··· | 65.1<br>67.0 | 69.6<br>71.5 | 74.2         | 78.3<br>80.9 | 80 • 2<br>82 • 9 | 82.2<br>84.9         | 83.1<br>85.7 | 83.5         | 83.8<br>86.4 | 84.0<br>86.6 | 84.0         | 84.0<br>86.6 | 84.0<br>86.6 | 84.0<br>86.6 | 84.0         |
| ≥ 1200<br>≥ 1000      |     | 68.6<br>69.9 |              | 78.7<br>80.7 | 82.9<br>85.1 | 85.0<br>87.1     | 87.1<br>89.3         | 87.9<br>90.1 | 88.3<br>90.5 | 88.6<br>90.9 | 88.8<br>91.1 | 88.8<br>91.1 | 88.8         | 88.8         | 88.8         | 88.8<br>91.1 |
| ≥ 900<br>≥ 800        |     | 70.3         | 75.4         | 81.1<br>81.8 | 85.7         | 87.7<br>88.6     | 89 <b>.9</b><br>90.8 | 90.8<br>91.7 | 91.2         | 91.5         | 91.8<br>92.6 | 91.8<br>92.6 | 91.8<br>92.6 | 91.8<br>92.6 | 91.8         | 91.6         |
| ≥ 700<br>≥ 600        |     | 71.0         |              | 82.3         | 87.4<br>88.8 | 89.4<br>91.0     | 91.7                 | 92.7         | 93.1         | 93.5<br>95.2 | 93.7<br>95.4 | 93.7         | 93.7         | 93.7         | 93.7         | 95.4         |
| ≥ 500<br>≥ 400        |     | 72.6<br>72.8 |              | 84.6<br>85.1 | 90.1<br>90.7 | 92.6             | 95.1                 | 96.7<br>97.5 | 97.1<br>98.1 | 97.6<br>98.5 | 98.8         | 97.6<br>98.8 |              | 97.9<br>98.8 | 97.9<br>98.8 | 97.9<br>98.8 |
| ≥ 300<br>≥ 200        |     | 72.8         | 78.4         | 85.2         | 90.9         | 93.5<br>93.5     | 96.2<br>96.2         | 97.8         | 98.3<br>98.4 | 98.8<br>98.8 | 99.0<br>99.1 | 99.1<br>99.2 | 99.2<br>99.3 | 99.2<br>99.3 | 99.2         | 99.          |
| ≥ 100<br>≥ J          |     | 72.8         | 78.4<br>78.4 | 85.2<br>85.2 | 90.9         | 93.5<br>93.5     | 96.2<br>96.2         | 97.8<br>97.8 | 98.4<br>98.4 |              | 99.1<br>99.1 | 99.2         |              | 99.3         |              | -            |

TOTAL NUMBER OF OBSERVATIONS

1360

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TEKYE TAP JAPAN/HUNSHU 46-54.56-60.68.71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING               |     |              |              |              |              |              | VIS          | BILITY (ST.  | ATUTE MIL    | ES           |              |              |                      |              | ·                |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|------------------|---------------|
| fEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21.         | ≥ 2          | ≥1,5         | ≥114         | ≥1           | ≥ 14         | ≥'•          | ≥''n                 | ≥5 16        | ≥ .              | ≥0            |
| NO CEILING<br>≥ 20000 |     | 12.0         | 14.8         | 18.2         | 21.4         | 22.8<br>26.8 | 24.5         | 25.8         | 26.3         | 27.2         | 27.8         | 27.P         | 27.8                 | 27.8         | 27.8             | 28.0          |
| ≥ 18000<br>≥ 16000    |     | 14.3         | 17.7         | 21.8         | 25.5         | 27.4         | 29.8<br>30.4 | 31.3         | 32.1         | 33.2<br>33.9 | 34.0         | 34.1         | 34.1                 | 34.1         | 34.1             | 34.3          |
| ≥ 14000<br>≥ 12000    |     | 14.7         | 18.4         | 22.9         | 27.2         | 29.3<br>31.5 | 32.0<br>34.3 | 33.7         | 34.4         | 35.8<br>38.4 | 36.7         | 36.8         | 36.9                 | 36.9         | 36.9<br>39.6     | 37.0          |
| ≥ 10000<br>≥ 9000     |     | 16.8         |              | 26.5         | 31.8         | 34.3<br>35.5 | 37.3<br>38.9 | 39.8<br>41.4 | 40.8<br>42.4 | 42.5         | 43.5<br>45.2 | 43.6         | 43.8                 | 43.8<br>45.5 | 43.8<br>45.5     | 43.9          |
| ≥ 8000<br>≥ 7000      |     | 19.9         | 25.0<br>26.6 | 31.5         | 37.2<br>39.2 | 40.0<br>42.0 | 43.6         | 46.3         | 47.2         | 49.1<br>51.6 | 50.3<br>52.8 | 50.4<br>52.9 | 50.7<br>53.1         | 50.7<br>53.1 | 50.7<br>53.1     | 50.8<br>53.3  |
| ≥ 6000<br>≥ 5000      |     | 22.6         | 28.3<br>31.5 | 35.7<br>39.5 | 41.5         | 44.4         | 48.2<br>53.1 | 51.0<br>55.9 | 52.0<br>56.9 | 54.2<br>59.2 | 55.3<br>60.3 | 55.4         | 55.7<br>60.7         | 55.7<br>60.7 | 55.7<br>60.7     | 55.9<br>60.8  |
| ≥ 4500<br>≥ 4000      |     | 26.8         | 33.6         | 41.9         | 48.8<br>53.1 | 52.0<br>56.3 | 55.9<br>60.4 | 58.8<br>63.4 | 59.8<br>64.5 | 62.1<br>66.8 | 63.3         | 63.3         | 63.6                 | 63.6<br>68.4 | 63.6<br>68.4     | 63.8<br>68.6  |
| ≥ 3500<br>≥ 3000      |     | 32.6         | 40.3         | 49.9<br>53.2 | 57.4<br>61.1 | 60.7         | 64.8<br>68.8 | 67.9         | 69.1         | 71.5<br>75.8 | 72.9         | 73.0         | 73.3                 | 73.3         | 73.3             | 73.4          |
| ≥ 2500<br>≥ 2000      |     | 37.0<br>37.9 | 45.5         | 55.7<br>57.5 | 63.9         | 67.5         | 72.0<br>74.2 | 75.4         | 76.7         | 79.4<br>81.8 | 80.7<br>83.4 | 80.8         | 81.1                 | 81.1         | 81.1<br>83.7     | 81.3          |
| ≥ 1800<br>≥ 1500      |     | 38.3         | 47.3         | 58.1<br>59.3 | 65.5         | 70.3<br>71.9 | 75.5<br>77.2 | 79.2<br>81.0 | 80.5<br>82.4 | 83.2         | 84.7         | 84.8         | 85.1<br>86.9         | 85,1<br>86,9 | 85.1<br>86.9     | 85.2<br>87.0  |
| ≥ 1200<br>≥ 1000      |     | 39.3<br>40.0 |              | 60.5         | 69.5         | 73.6<br>75.2 | 78.8<br>80.5 | 82.9<br>84.6 | 84.2         | 87.0<br>88.7 | 88.5<br>90.2 | 88.6         | 88 <b>.9</b><br>90.6 | 88.9<br>90.6 | 88.9<br>90.6     | 89.0          |
| ≥ 900<br>≥ 800        |     | 40.0         | 50.0<br>50.4 | 61.8         | 71.2         | 75.6         | 81.0<br>82.6 | 85.1<br>86.8 | 86.4<br>88.1 | 89.2<br>91.0 | 90.7         | 90.8         | 91.1                 | 91.1<br>92.9 | 91.1<br>93.0     | 91.3<br>93.1  |
| ≥ 700<br>≥ 600        |     | 40.8         | 50.9<br>51.2 | 64.0         | 73.4         | 78.0         | 83.6         | 87.9<br>89.5 | 89.2         | 92.1<br>93.7 | 93.7<br>95.3 | 93.8         | 94.1                 | 94.1         | 94 • 1<br>95 • 8 | 94.3          |
| ≥ 500<br>≥ 400        |     | 41.1         | 51.8<br>51.8 | 64.7         | 75.7<br>75.9 | 80.5<br>80.8 |              | 91.4         | 92.9         | 96.0         |              | 97.7<br>98.6 | 98.0<br>98.9         | 98.0<br>98.9 | 98.1<br>99.0     |               |
| ≥ 300<br>≥ 200        |     | 41.1         | 51.8<br>51.8 | 64.7<br>64.7 | 75.9<br>75.9 | 80.8<br>40.8 | 87.1<br>87.1 | 92.2         | 93.7<br>93.7 | 97.0<br>97.1 | 98.8         | 98.8<br>98.8 | 99.0<br>99.2         | 99.0         | 99.2             | 99.4<br>99.7  |
| ≥ 100<br>≥ 0          |     | 41.1         | 51.8<br>51.8 | 64.7         | 75.9<br>75.9 | 80.8<br>80.8 | 87.1<br>87.1 | 92.2         | 93.7<br>93.7 | 97.1<br>97.1 | 98.8<br>98.8 | 98.8<br>98.8 |                      |              |                  | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1366

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 FOKYO TAP JAPAN/FUNSHU 46-54, 56-60, 68, 71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY STA  | ATUTE MILI   | ES           |              |              |              |              |                |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| (FEET)                | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2 7         | ≥ 2          | ≥1′າ         | ≥1'4         | ≥1           | ≥ '₄         | ≥ '*         | ≥ '2         | ≥ 5 16       | ≥ .            | ≥0           |
| NO CEILING<br>≥ 20000 |     | 20.5         | 22.9         | 25.4         | 28.2<br>33.5 | 28.9<br>34.6 | 29.6<br>35.9 | 30.6<br>37.3 | 30.6         | 31.1<br>37.8 | 31.3<br>38.0 | 31.3         | 31.3         | 31.3<br>38.0 | 31.3           | 31.3         |
| ≥ 18000<br>≥ 16000    |     | 24.2         | 27.2         | 30.4         | 33.9<br>34.0 | 35.0<br>35.1 | 36.3<br>36.4 | 37.8         | 37.9         | 38.3<br>38.4 | 38.5<br>38.6 | 38.5         | 38.5<br>38.6 | 38.5<br>38.6 | 38.5           | 38.5<br>38.6 |
| ≥ 14000<br>≥ 12000    |     | 25.2         | 28.6<br>30.6 | 32.4         | 36.0<br>38.5 | 37.6         | 39.0<br>41.7 | 40.5         | 40.6         | 41.1         | 41.3         | 41.3         | 41.3         | 41.3         | 41.3           | 41.3         |
| ≥ 10000<br>≥ 9000     |     | 29.1<br>30.3 | 33.5<br>34.6 | 37.9         | 42.3         | 44.0<br>45.9 | 46,1         | 48.7<br>50.9 | 49.0<br>51.2 | 49.9<br>52.1 | 50.2<br>52.4 | 50.2<br>52.4 | 50.2<br>52.4 | 50.2<br>52.4 | 50.2<br>52.4   | 50.2<br>52.4 |
| ≥ 8000<br>≥ 7000      |     | 32.2         | 36.8<br>38.6 | 42.3         | 47.2         | 49.4<br>51.9 | 51.7         | 54.6<br>57.5 | 55.0<br>57.9 | 56.0<br>59.0 | 50.4<br>59.4 | 56.4<br>59.4 | 56.4<br>59.4 | 56.4<br>59.4 | 56.4<br>59.4   | 56.4<br>59.4 |
| ≥ 6000<br>≥ 5000      |     | 35.4         | 40.3         | 49.5         | 52.0<br>56.1 | 58.9         | 57.0<br>61.6 | 65.1         | 60.8         | 62.0<br>66.9 | 67.2         | 62.4         | 62.4         | 62.4         | 62.4           | 67.3         |
| ≥ 4500<br>≥ 4000      | l   | 40.9         | 44.4         | 51.1<br>54.1 | 57.7         | 60.6         | 63.4         | 66.8<br>70.6 | 71.1         | 62.6         | 68.9<br>72.8 | 68.9<br>72.8 | 69.0<br>72.9 | 69.0<br>72.9 | 69.0<br>72.9   | 69.0<br>72.9 |
| ≥ 3500<br>≥ 3000      |     | 41.9         | 48.1<br>50.1 | 55.8<br>58.1 | 63.5         | 69.6         | 69.6<br>72.6 | 76.4         | 73.6         | 75.2<br>78.5 | 75.7<br>79.0 | 75.7         | 75.8<br>79.1 | 75.8<br>79.1 | 75.8           | 75.8         |
| ≥ 2500<br>≥ 2000      |     | 44.9         | 52.1<br>53.9 | 60.6         | 72.0         | 72.6         | 76,1<br>79,1 | 79.9<br>83.1 | 80.4         | 82.2<br>85.4 | 82.7<br>85.9 | 82.7         | 82.8<br>86.0 | 82.8<br>86.0 | 82.8<br>86.0   |              |
| ≥ 1800<br>≥ 1500      |     | 46.0         | 54.2         | 64.6         | 72.4         | 76.0         | 79.6<br>81.1 | 85.2         | 84.1         | 86.0         | 86.5<br>88.2 | 86.5         | 86.6<br>88.4 | 86.6<br>88.4 | 86.6           | 88.4         |
| ≥ 1200<br>≥ 1000      |     | 47.8         |              | 65.6         | 75.2<br>76.2 | 79.1<br>80.1 | 82.9<br>84.0 |              |              | 89.9<br>91.2 | 90.4         | 90.5         | 90.6         | 90.6         | 91.9           | 90.6         |
| ≥ 900<br>≥ 800        |     | 48.0         | 56.4<br>56.7 | 66.6         | 77.3         | 80.4<br>81.3 | 85.4         | 90.2         | 91.1         | 93.0         | 92.2         | 92.4<br>93.6 | 92.4<br>93.7 | 92.4         | 92.4           | 92.4         |
| ≥ 700<br>≥ 600        |     | 48.4         | 56.9         | 68.1         | 77.6         | 81.8<br>82.6 | 87.2         |              | 93.5         | 94.1         | 94.6         | 94.7         | 94.8         | 94.8<br>96.1 | 94.8<br>96.1   | 94.8         |
| ≥ 500<br>≥ 400        |     | 48.9         | 57.6<br>57.7 | 69.1         | 79.2         | 83.7         | 88,5         | 95.1         | 95.6         | 97.8<br>98.6 | 98.3         | 98.4         | 98.5         | 98.5<br>99.3 | 98.6           | 99.4         |
| ≥ 300<br>≥ 200        |     | 48.9<br>48.9 |              | 69.1         | 79.6<br>79.6 | 84.4         | 89.2         |              | 96.5         | 98.9         | 99.5<br>99.5 | 99.7         | 99.8         |              | 100.0          | 100.0        |
| ≥ 100                 |     | 48.9         | 57.7<br>57.7 | 69.1         | 79.6<br>79.6 | 84.4<br>84.4 | 40 -         |              |              | 98.9<br>98.9 |              | 99.7         | 99.9         |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS

1400

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKYO TAP JAPAN/HUNSHU 46-54,56-60,68,71-72

TOT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                    |          |              | *-           |              |                      |                      | VIS                  | IBILITY (ST.         | ATUTE MIL | ES:                  | <del></del>  |              |                      |              |                      |              |
|----------------------------|----------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|-----------|----------------------|--------------|--------------|----------------------|--------------|----------------------|--------------|
| FEET                       | ≥ 10     | ≥ 6          | ≥5           | ≥ 4          | ≥ 3                  | ≥2 :                 | ≥ 2                  | ≥1 2                 | ≥114      | ≥1                   | ≥ 34         | ≥′,          | ≧'.                  | ≥ 5 16       | ≥'₄                  | ≥0           |
| NO CEILING<br>≥ 20000      |          | 28.9<br>35.7 |              | 1            | 31.8                 | 31.8                 | 32.0<br>39.8         | 32.2                 | 32.3      | 32.3<br>40.2         | 32.3         | 32.3<br>40.2 | 32.3                 | 32.3<br>40.2 | 32.3<br>40.2         | 32,3         |
| ≥ 18000<br>≥ 16000         |          | 36.0<br>36.6 |              | 38.5         | 39.7<br>40.4         | 39.9<br>40.7         | 40.1<br>40.9         | 40.4                 | 40.5      | 40.5                 | 40.5         | 40.5         | 40.5                 | 40.5<br>41.3 | 40.5<br>41.3         | 40.5         |
| ≥ 14000<br>≥ 12000         |          | 38.8         | 42.9         | 44.8         | 43.1<br>46.4         | 43.4<br>46.8         | 43.8                 | 44.0                 | 44.1      | 44.1<br>47.7         | 44.1<br>47.7 | 44.1         | 44.1<br>47.7         | 44.1<br>47.7 | 44.1                 | 44.1         |
| ≥ 10000<br>≥ 9000          |          | 44.6         | 46.4         | 49.3         | 49.6<br>51.2         | 50.0<br>51.7         | 50.7<br>52.5         | 51.0<br>52.8         | 53.0      | 51.1<br>53.2         | 51.1<br>53.2 | 51.1<br>53.2 | 51.1<br>53.2         | 51.1<br>53.2 | 51.1<br>53.2         | 51.1<br>53.2 |
| ≥ 8000<br>≥ 7000           |          | 47.9<br>50.1 | 52.5         | 53.5         | 55.7<br>58.5         | 56.5<br>59.2         | 57.3<br>60.2         | 60.6                 | 60.8      |                      | 58.1         | 58.1<br>61.2 | 58.1                 | 58.1<br>61.2 | 58.1                 | 58.1         |
| ≥ 6000<br>≥ 5000<br>≥ 4500 |          | 52.1<br>55.2 |              | 38.4<br>61.9 | 64.9                 | 61.7                 |                      | 67.6                 | 67.9      | 68.3                 | 68.3         | 63.9         | 63.9                 | 68.3         | 68.3                 | 63.9         |
| ≥ 4000<br>≥ 4000<br>≥ 3500 | <u>-</u> | 56.7<br>59.9 | 63.3         | 6'.4         | 66.9<br>70.8<br>74.3 | 67.7<br>71.8<br>75.3 | 69.2<br>73.5<br>77.1 | 69.7<br>74.0<br>77.7 | 74.3      | 70.3<br>74.8<br>78.5 | 74.9         | 74.9         | 70.3<br>74.9<br>78.6 | 74.9         | 70.3<br>74.9<br>78.6 | 74.9         |
| ≥ 3000<br>≥ 2500           |          | 63.8         | 67.6         | 72.3         | 76.3<br>78.8         | 77.3                 | 79.2<br>81.8         | 79.8<br>82.5         | 80.1      | 80.7                 | 80.8         | 80.8         | 80.8<br>83.6         | 80.8         | 80.8<br>83.6         | 80.8         |
| ≥ 2000                     |          | 67.1         | 71.8         | 76.8         | 81.8                 | 82.6                 |                      | 85.3                 | 85.6      | 86.2                 | 86.3         | 86.3         | 86.5                 | 86.5         | 86.5                 | 86.5         |
| ≥ 1500                     |          | 67.9         | 72.6         | 78.3         | 83.2                 | 84.7                 | 87.2                 | 87.9                 | 88.2      |                      | 89.0         | 89.0         | 89.1                 | 89.1         | 89.1                 | 89.1<br>90.9 |
| ≥ 1000                     |          | 68.5         | 73.5         | 79.3         | 85.5                 | 87.3                 |                      | 90.9                 | 91.4      | 92.2                 | 92.4         | 92.4         | 92.5                 | 92.5         | 92.5                 | 92.5         |
| ≥ 800<br>≥ 700             |          | 68.7         | 73.9         | 80.0         |                      | 88.5                 |                      | 92.4                 | 92.9      |                      | 94.1         | 94.1         | 94.2                 | 94.2         | 94.2                 | 94.2         |
| ≥ 600<br>≥ 500             |          | 69.1         |              | 81.3         | 88.1                 | 90.2                 | 93.3                 | 94.8                 | 95.3      | 96.4                 | 96.6         | 96.6         |                      | 96.7         | 96.9                 | 96.9         |
| ≥ 400<br>≥ 300             |          | 69.1         | 75.2         | 81.8         | 89.0                 | 91.2                 | 94.7                 |                      | 97.6      | 98.7                 |              | 99.1         | 99.4                 |              |                      |              |
| ≥ 200                      |          | 69.1         | 75.3<br>75.3 | 81.9         | 89.2                 | 91.4<br>91.4         | 95.0                 | 97.2                 | 97.9      | 99.1                 |              | 99.5         |                      | 99.8         | 99.9                 | 100.0        |
| ≥ 0                        |          | 69.1         | 75.3         | 81.9         | 89.2                 | 91,4                 | 95.0                 | 97.2                 | 97.9      | 99.1                 | 99.4         | 99.5         | 99.8                 | 99.8         | 99.9                 | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1403

USAF ETAC 1864 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOILTE

# CEILING VERSUS VISIBILITY

43311 TOKY: 1AP JAPAN/HONSHU 46-54,56-60,68,71-72

123

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (151

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY STA  | ATUTE MIL    | ES,          |              |              |                |               |                |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---------------|----------------|--------------|
| FEET.                 | ≥10 | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2 ;         | ≥ ?          | ≥1′7         | ≥1′4         | ≥1           | ≥ 14         | ≥,°          | ≥ ,            | ≥ 5 16        | 2 4            | ≥0           |
| NO CEILING<br>≥ 20000 |     | 29.7<br>38.0 | 30.6         | 30.9         | 31.4<br>40.2 | 31.4         | 31.4<br>40.2 | 31.4         | 31.5         | 31.5<br>40.3 | 31.5         | 31.5         | 31.5           | 31.5<br>40.3  | 31.5<br>40.3   | 31.5         |
| ≥ 18000<br>≥ 16000    |     | 38.6         | 39.6         | 40.3         | 40.8         | 40.8         | 40.8         | 40.8         | 40.9         | 40.9         | 40.9         | 40.9         | 40.9           | 40.9          | 40.9           | 40.9         |
| ≥ 14000<br>≥ 12000    |     | 41.6         | 42.6         | 43.4         | 43.9         | 43.9         | 43.9         | 43.9         | 44.0         | 44.0         | 44.0<br>47.5 | 44.0         | 44.0           | 44.0          | 44.0           | 44.0         |
| ≥ 10000<br>≥ 9000     |     | 48.2         | 49.5         | 50.3<br>52.2 | 50.9<br>52.8 | 51.0<br>53.0 | 51.3<br>53.3 | 51.4<br>53.4 | 51.5<br>53.5 | 51.5<br>53.6 | 51.5<br>53.6 | 51.5<br>53.6 | 51.5<br>53.6   | 51.5<br>53.6  | 51.5<br>53.6   | 51.5<br>53.6 |
| ≥ 8000<br>≥ 7000      |     | 52.5         | 54.2<br>56.8 | 55.1<br>57.8 | 56.0<br>58.8 | 56.4<br>59.4 | 56.9<br>59.9 | 57.2<br>60.2 | 57.3<br>60.2 | 57.4<br>60.3 | 57.4<br>60.3 | 57.4<br>60.3 | 57.4           | 57.4<br>60.3  | 57.4           | 57.4<br>60.3 |
| ≥ 6000<br>≥ 5000      |     | 56.6<br>59.7 | 50.8<br>62.2 | 59.9         | 60.9         | 61.6         | 62,2<br>65.9 | 62.5<br>66.3 | 62.5         | 62.6         | 62.6         | 62.6<br>66.5 | 62.6           | 62.6          | 62.6           | 62.6         |
| ≥ 4500<br>≥ 4000      |     | 64.8         | 67.6         | 65.3         | 66.4         | 67.1<br>71.4 | 67.8         | 68.1         | 68.3<br>72.8 | 68.4<br>73.0 | 68.4<br>73.1 | 68.4         | 68.4<br>73.1   | 68.4<br>73.1  | 68.4<br>73.1   | 68.4         |
| ≥ 3500<br>≥ 3000      |     | 66.5         | 69.3         | 71.2         | 72.9         | 73.9         | 74.8         | 75.2         | 75.4<br>79.0 | 75.7<br>79.3 | 75.7<br>79.5 | 75.7         | 75.7           | 75.7          | 75.7<br>79.5   | 75.7         |
| ≥ 2500<br>≥ 2000      |     | 70.4         | 74.1         | 76.5         | 78.8         | 80.0<br>83.5 | 81.2<br>84.8 | 81.8<br>85.4 | 82.0<br>85.6 | 82.2         | 82.4<br>86.2 | 86.2         | 82.4           | 82.4          | 82.4<br>86.2   | 82.4<br>86.2 |
| ≥ 1800<br>≥ 1500      |     | 73.2         | 77.2         | 79.9<br>81.5 | 82.8<br>84.6 | 84.1         | 85.5<br>87.4 | 86.1         | 86.4<br>88.3 | 86.6<br>88.6 | 86.9<br>88.9 | 86.9         | 86.9           | 86.9<br>88.9  | 86.9<br>88.9   | 86.9<br>88.9 |
| ≥ 1200<br>≥ 1000      |     | 74.6         | 79.2         | 82.5         | 86.1<br>87.0 | 87.4<br>88.6 | 89.2<br>90.6 | 90.0<br>91.6 | 90.3         | 90.6         | 91.1<br>93.0 | 91.1         | 91.1<br>93.0   | 91.1<br>93.0  | 91.1<br>93.0   | 91.1<br>93.0 |
| ≥ 900<br>≥ 800        |     | 75.G         | 79.8<br>80.1 | 83.3         | 87.4<br>88.1 | 89.0<br>89.7 | 91.1         | 92.2         | 92.6         | 93.0         | 93.6<br>94.7 | 93.6         | 93.6           | 93.6          | 93.6           | 93.6         |
| ≥ 700<br>≥ 600        |     | 75.1<br>75.2 | 80.2         | 84.0         | 88.3<br>88.9 | 89.9<br>90.5 | 92.1         | 93.5         | 93.9         | 94.4         | 95.2<br>96.3 | 95.3         | 95.3           | 95.3<br>96.3  | 95.3<br>96.3   | 95.3<br>96.3 |
| ≥ 500<br>≥ 400        |     | 75.2<br>75.4 | 80.4         | 84.9         | 89.6         | 91.5         | 93.9         | 95,7         | 96.3         | 96.8         | 98.1<br>98.9 | 98.3<br>99.2 | 98.4<br>99.3   | 98.4<br>99.3  | 98.4           | 98.4<br>99.3 |
| ≥ 300<br>≥ 200        |     | 75.4<br>75.4 | 80.5         |              | 89.9         | 91.9         | 94.6         | 96.6         | 97.2         | 97.9<br>98.0 | 99.4         | 99.6         | 99.9<br>100.0  | 99.9<br>100.0 | 99.9<br>100.0  | l            |
| ≥ 100<br>≥ 0          |     | 75.4         | 80.5<br>80.5 |              | 89.9         | 91.9         | 94.6         | 96.6         | 97.2<br>97.2 | 98.0<br>98.0 |              |              | 100.0<br>100.0 | 100.0         | 100.0<br>100.0 | 1            |

TOTAL NUMBER OF OBSERVATIONS

1393

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKYO 1AP JAPAN/HUNSHU 46-54-56-60-68-71-72

CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING               |      |              |              |              |              |                  | VIS          | BILITY ST    | ATUTE MIL    | ES:          |              |              |              |              |              |              |
|-----------------------|------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥ 10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 7             | ≥2           | ≥1'2         | ≥1'4         | ≥1           | ≥ 34         | ≥`*          | ≥ 7          | ≥5 16        | ≥ 4          | ≥0           |
| NO CEILING<br>≥ 20000 | _    | 27.8<br>32.0 | 28.4         | 29.9<br>34.8 | 30.9<br>35.9 | 31 · 1<br>36 · 2 | 31.7<br>36.8 | 32.2         | 32.4         | 33.0<br>38.0 | 33.1<br>38.2 | 33.1<br>38.2 | 33.1<br>38.2 | 33.1<br>38.2 | 33.1<br>38.2 | 33.1<br>38.2 |
| ≥ 18000<br>≥ 16000    |      | 32.5         | 33.3<br>33.8 | 35.2<br>35.8 | 36.4<br>36.9 | 36.5             | 37.2<br>37.7 | 37.7<br>38.3 | 37.9<br>38.4 | 38.5<br>39.0 | 38.6<br>39.1 | 38.6<br>39.1 | 38.6         | 38.6         | 38.6<br>39.1 | 38.6         |
| ≥ 14000<br>≥ 12000    |      | 34.6         | 35.5<br>38.4 | 37.5<br>40.7 | 38.7<br>41.9 | 39.0<br>42.2     | 39.7<br>43.0 | 40.3         | 40.4         | 41.0         | 41.1<br>44.5 | 41.1         | 41.1         | 41.1<br>44.5 | 41.1<br>44.5 | 41.1         |
| ≥ 10000<br>≥ 9000     |      | 40.5         | 41.5         | 43.9<br>45.6 | 45.1<br>46.9 | 45.4             | 46.3         | 46.9         | 47.0<br>48.9 | 47.6         | 47.8<br>49.6 | 47.8<br>49.6 | 47.8         | 47.8         | 47.8         | 47.8<br>49.6 |
| ≥ 8000<br>≥ 7000      |      | 45.3         | 46.6         | 49.0<br>51.8 | 50.5<br>53.3 | 51.1<br>54.0     | 52.0<br>55.0 | 52.6<br>55.6 | 52.8<br>55.8 | 53.5<br>56.5 | 53.6<br>56.7 | 53.6<br>56.7 | 53.6<br>56.7 | 53.6<br>56.7 | 53.6<br>56.7 | 53.6<br>56.7 |
| ≥ 6000<br>≥ 5000      |      | 51.2<br>54.6 | 52.5<br>55.9 | 55.0<br>58.5 | 56.7         | 57.4             | 58.5<br>62.1 | 59.1<br>62.8 | 59.2<br>62.9 | 60.0         | 63.9         | 60.1         | 60.1         | 60.1<br>63.9 | 60.1<br>63.9 | 60.1         |
| ≥ 4500<br>≥ 4000      |      | 56.9<br>61.3 | 58.2<br>63.1 | 60.9         | 67.9         | 63.4             | 64.6         | 65.4<br>71.2 | 65.6<br>71.4 | 66.4<br>72.2 | 66.5<br>72.3 | 66.5<br>72.3 | 66.5<br>72.3 | 66.5<br>72.3 | 66.5<br>72.3 | 66.5<br>72.3 |
| ≥ 3500<br>≥ 3000      | <br> | 64.1         |              | 69.2<br>72.6 | 71.4<br>75.1 | 72.4<br>76.2     | 73.8         | 74.7         | 75.0<br>78.7 | 75.8<br>79.5 | 75.9<br>79.7 | 75.9<br>79.7 | 75.9<br>79.7 | 75.9<br>79.7 | 75.9<br>79.7 | 75.9         |
| ≥ 2500<br>≥ 2000      |      | 71.0         | 71.7<br>74.0 | 75.1<br>77.8 | 77.7<br>80.8 | 78.7<br>81.9     | 80.2<br>83.4 | 81.2<br>84.5 | 81.5<br>84.8 | 82.3<br>85.7 | 82.4<br>85.9 | 82.4<br>85.9 | 82.4<br>85.9 | 82.4<br>85.9 | 82.4<br>85.9 | 82.4         |
| ≥ 1800<br>≥ 1500      |      | 71.3         | 74.3         | 79.8         | 81.2<br>83.0 | 82.3<br>84.2     | 83.9         | 84.9         | 85.3<br>87.7 | 86.1         | 86.3<br>88.7 | 86.3         | 88.7         | 86.3         | 86.3<br>88.7 | 86.3         |
| ≥ 1200<br>≥ 1000      |      | 73.2         | 76.7         | 80.8         | 84.1<br>85.3 | 85.3<br>86.7     | 87.3<br>88.9 | 88.7<br>90.4 | 89.2<br>90.9 | 90.1         | 90.3         | 92.1         | 92.1         | 90.3         | 92.1         | 92.1         |
| ≥ 900<br>≥ 800        |      | 73.7         | 77.3         | 81.7         | 85.4         | 86.9<br>87.5     | 89.2<br>89.8 | 90.7         | 91.2<br>91.8 | 92.3         | 92.6<br>93.5 | 92.6<br>93.5 | 93.5         | 92.6<br>93.5 | 93.5         | 92.6<br>93.5 |
| ≥ 700<br>≥ 600        |      | 74.2         | 77.9<br>78.5 | 83.1         | 86.5<br>87.4 | 88.2<br>89.6     | 90.6         | 92.1         | 92.6         | 93.7         | 94.2         | 94.2         |              | 94.3         | 94.3<br>96.1 | 94.3         |
| ≥ 500<br>≥ 400        |      | 75.1<br>75.1 | 79.2         | 84.1<br>84.5 | 88.6<br>89.0 | 90.7<br>91.2     | 93.4         | 95.4         | 96.9         | 97.4<br>98.3 | 98.0         | 99.0         | 99.3         | 98.3<br>99.3 |              | 98.3         |
| ≥ 300<br>≥ 200        |      | 75.1<br>75.1 | 79.4         | 84.6         | 89.3         | 91.5<br>91.5     | 94.4         | 96.5         |              | 98.7         | 99.6         | 99.6         | 99.9         | 99.9         |              | 99.9         |
| ≥ 100<br>≥ 0          |      | 75.1         | 79.4         | 84.6<br>84.6 | 89.3<br>89.3 | 91.5             | 94.4         | 96.5         | 97.3<br>97.3 | 98.7         | 99.0         |              |              | 100.0        |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1359

USAF ETAC PULSA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKY (1 1AP JAPAN/HONSHU 46-54,55-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2120-5300

| CEILING               |          |              |   |              |              |              | VIS          | IBILITY IST  | ATUTE MIL    | ES           |              |              |              |              |              |             |
|-----------------------|----------|--------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| FEET                  | ≥10      | ≥6           | ≥ 5                                     | ≥ 4          | ≥3           | ≥212         | ≥ 2          | ≥1 2         | ≥1.          | ≥1           | ≥ '₄         | ≥ ′,         | ≥ 2          | ≥ 5 16       | ≥ .          | ≥0          |
| NO CEILING<br>≥ 20000 |          | 23.3         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 26.4         | 27.9         | 26.6         | 30.1         | 30.7         | 31.0         | 32.1         | 32.8<br>36.6 | 32.9         | 32.9         | 33.0<br>36.9 | 33.0         | 33,0        |
| ≥ 18000<br>≥ 16000    |          | 26.6         |   | 30.4         | 31.8         | 32.5         | 34.0         | 34.7         | 35.0<br>35.5 | 36.2<br>36.6 | 37.0         |              | 37.1         | 37.2         | 37.2         | 37.2        |
| ≥ 14000<br>≥ 12000    |          | 28.2         |   | 32.3         | 33.8         | 34.6         | 36.3         | 37.1         | 37.4         | 38.6         | 39.4         | 39.5         | 39.5         | 39.7         | 39.7         | 39.7        |
| ≥ 10000<br>≥ 9000     |          | 34.0<br>35.7 | 36.0<br>38.0                            | 39.1         | 41.1         | 41.9         | 43.8<br>45.9 | 44.9         | 45.2         | 46.5         | 47.3         | 47.3         | 47.3         | 47.5         | 47.5         | 47.5        |
| ≥ 8000<br>≥ 7000      |          | 38.5         | 40.7                                    | 43.9         | 46.0         | 47.0         | 49.0<br>52.7 | 50.1         | 50.4         | 51.6<br>55.5 | 52.5<br>56.4 | 52.6         | 52.6<br>56.4 | 52.7<br>56.6 | 52.7<br>56.6 | 52.7        |
| ≥ 6000<br>≥ 5000      |          | 45.1<br>49.1 | 47.7                                    | 51.0         | 53.3<br>57.8 | 54.4<br>59.0 | 56.5<br>61.4 | 57.8<br>62.7 | 58.2         | 59.5<br>64.4 | 60.3         | 60.4         | 60.4         | 60.6         | 60.6         |             |
| ≥ 4500<br>≥ 4000      |          | 51.9<br>55.4 | 55.0<br>58.9                            | 58.6         | 61.1         | 62.3         | 64.8         | 66.1<br>70.5 | 66.5         | 67.9         | 68.8         | 68.8         | 68.8         | 69.0         | 69.0         | 69.0        |
| ≥ 350J<br>≥ 3000      |          | 57.8<br>59.6 | 61.2                                    | 65.1         | 67.7         | 69.0<br>71.1 | 71.5         | 73.0         | 73.6         | 75.1         | 76.0<br>78.4 | 76.1<br>78.6 | 76.1<br>78.6 | 76.3<br>78.7 | 76.3         | 76.:<br>78. |
| ≥ 2500<br>≥ 2000      |          | 60.8         | 64.6                                    | 68.7         | 71.4         | 72.7         | 75.3<br>77.6 | 77.0         | 77.5         | 79.2         | 80.1         | 80.2         | 80.2<br>82.6 | 80.4         | 80.4         |             |
| ≥ 1800<br>≥ 1500      |          | 63.3         | 67.2<br>69.2                            | 71.9         | 75.0         | 76.4         | 79.2<br>81.8 | 80.9         | 81.5<br>84.3 | 83.2<br>86.0 | 84.0         | 84.2<br>87.0 | 84.2<br>87.0 | 84.3         | 84.3         | 84.         |
| ≥ 1200<br>≥ 1000      |          | 66.0         |   | 75.4         | 78.9<br>80.1 | 80.6<br>81.8 | 83.5<br>84.8 | 85.4         | 86.2<br>87.5 | 87.9<br>89.4 | 88.8         | 88.9<br>90.4 | 88.9         | 89.1         | 89.1         | 89.         |
| ≥ 900<br>≥ 800        |          | 67.0<br>67.8 |   | 76.6         | 80.5         | 82.3<br>83.6 | 85.4<br>86.6 | 87.3         |              | 90.0         | 90.9         | 91.1         | 91.1         | 91.2         | 91.2         | 91.         |
| ≥ 700<br>≥ 600        |          | 68.6         |   | 78.6<br>80.0 |              | 84.9         | 88.0         | 90.0         |              | 92.9         | 93.9         | 94.0         |              | 94.2         | 94.2         | 94.         |
| ≥ 500<br>≥ 400        |          | 70.2         |   | 80.7         | 85.5<br>85.7 | 87.6<br>87.9 | 91.0<br>91.4 | 93.7         | 94.5         | 96.8         | 97.8<br>98.8 |              | 98.0<br>99.0 | 98.2<br>99.2 | 98.2         | 98.         |
| ≥ 300<br>≥ 200        | <u>.</u> | 70.5         | 75.6<br>75.6                            | 81.2<br>81.2 | 85.9         | 88.1         | 91.7<br>91.8 | 94.9<br>95.1 | 95.7         | 98.3<br>98.4 | 99.3         | 99.4         | 99.5         | 99.6         | 99.6         |             |
| ≥ 100<br>≥ 0          |          | 70.5         |   | 81.2<br>81.2 | 85.9<br>85.9 | 1 1 1 7      | 91.8<br>91.8 | 95.1<br>95.1 | 95.9         | 98.4<br>98.4 | 99.5         | 99.6         | 99.7         | 99.9         | 99.9         |             |

TOTAL NUMBER OF OBSERVATIONS

1354

USAF ETAC JULI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKY' 1AP JAPAN/HONSHU 47-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>−050℃–6550</u>0

| CEILING                    |             |                      |                      |              |                      |                      | VIS                  | IBILITY STA  | ATUTE MILI           | ES                   |                      |                      |              |              |              |                      |
|----------------------------|-------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|----------------------|
| FEET                       | ≥10         | ≥c                   | ≥5                   | ≥ 4          | ≥3                   | ≥2,3                 | ≥?                   | ≥1';         | ≥1.                  | ≥1                   | ≥                    | ≥,*                  | ≥ .          | ≥5 16        | ≥ .          | ≥0                   |
| NO CEILING<br>≥ 20000      |             | 21.6                 | 25.2                 | 30.2         | 34.2                 | 36.3<br>38.1         | 40.6                 |              | 44.1<br>46.2         | 45.8<br>48.1         | 46.0                 |                      | 46.3         | 46.3<br>48.7 | 46.5<br>48.8 | 46.5                 |
| ≥ 18000<br>≥ 16000         |             | 23.1                 | 27.2                 | 32.3<br>32.5 | 36.6<br>36.8         | 38.7                 | 43.0<br>43.4         | 46.0         | 46.8                 | 45.7                 | 48.9<br>49.3         | 48.9<br>49.3         | 49.1         | 49.2         | 49.4         | 49.4                 |
| ≥ 14000<br>≥ 12000         |             | 24.0                 | 28.2<br>29.6         | 33.9<br>35.3 | 38.3                 | 40.5                 | 45.2<br>46.8         |              | 49.0<br>50.7         | 52.6                 | 51.2<br>53.0         | 51.2<br>53.0         | 51.4<br>53.2 | 51.5<br>53.3 | 51.7<br>53.5 | 51.7<br>53.5         |
| ≥ 10000<br>≥ 9000          |             | 26.8<br>27.6         |                      | 37.0<br>38.2 | 41.7                 | 43.9<br>45.2         | 48.7<br>50.1         | 51.8<br>53.2 | 52.7<br>54.1         | 54.8<br>56.2         | 56.6                 | 55.2<br>56.6         | 55.4<br>56.8 | 55.5<br>56.9 | 55.7<br>57.0 |                      |
| ≥ 8000<br>≥ 7000           |             | 29.5<br>31.9         | 34.2<br>37.1         | 40.5         | 45.6<br>48.7         | 48.0                 | 53.0<br>56.2         | 59.4         | 57.2<br>60.4         | 59.4<br>62.7         | 59.8<br>63.1         | 59.8<br>63.1         | 63.3         | 63.4         |              | 63.6                 |
| ≥ 6000<br>≥ 5000           |             | 36.0                 |                      | 54.0         | 59.5                 | 56.6<br>62.2         | 67.6                 | 71.1         | 72.1                 | 74.6                 | 69.1<br>75.0         |                      |              | 69.4<br>75.3 | 75.5         | 69.6<br>75.5         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 |             | 43.0<br>45.3         | 49.1<br>51.5         | 56.4<br>59.3 | 61.9                 | 64.6<br>68.0         | 70.1<br>73.4         | 77.0         | 74.7<br>78.1         | 77.1<br>80.6         | 77.5<br>81.0         | 77.5<br>81.0         |              | 81.4         | 78.0<br>81.6 | 78.0                 |
| ≥ 3000<br>≥ 3000           |             | 47.4                 | 54.0<br>56.4         | 64.3         | 70.3                 | 70.6                 | 78.8                 | 82.5         | 80.8                 | 86.1                 | 83.9<br>86.6         | 83.9                 | 86.9         | 84.3<br>87.0 | 87.1         | 84.4                 |
| ≥ 2000<br>≥ 1800           |             | 51.5                 | -4.E.B.X             | 68.3         | 72.7                 | 75.6                 | 83.5                 |              | 88.3                 | 91.0                 | 89.1<br>91.4         | 89.1<br>91.4         | 91.8         | 89.5<br>91.9 | 92.0         | 92.0                 |
| ≥ 1500<br>≥ 1200           |             | 53.0                 |                      | 69.5         | 75.0<br>76.0         | 77.9                 | 83.9<br>85.0         | 89.1         | 90.2                 | 93.0                 | 93.4                 | 93.4                 | 93.7         | 93.8         | 94.0         |                      |
| ≥ 1000                     |             | 54.1<br>54.6<br>54.9 | 61.6                 | 70.4         | 77.6                 | 80.5                 | 86.9                 | 91.0         | 91.5                 | 94.9                 | 94.7<br>95.4         | 94.7                 | 95.0<br>95.7 | 95.8         |              | 95.9                 |
| ≥ 800<br>≥ 700             | _           | 55.1<br>55.4         | 62.5<br>62.7<br>63.2 | 71.7         | 78.2<br>78.5<br>79.4 | 81.4<br>82.5         | 87.6<br>87.9         | 52.1         | 93.0                 | 96.1                 | 96.2<br>96.6<br>97.6 | 96.6                 | 96.9         |              | 97.1         | 96.7<br>97.1<br>98.2 |
| ≥ 500                      | <del></del> | 55.5                 | 63.6                 | 72.9         | 79.9                 | 83.C                 | 89.6                 | 23.7         | 94.4                 | 97.7                 | 98.2                 | 98.2                 | 98.5         | 98.6         | 98.8         | 98.8                 |
| ≥ 400                      |             | 55.6<br>55.6         | 63.7<br>63.7         | 73.0<br>73.0 | 80.1                 | 83.2<br>83.2<br>83.3 | 89.8<br>89.9<br>90.1 |              | 95.2<br>95.6<br>95.8 | 98.0<br>98.4<br>98.5 | 98.5<br>98.9<br>99.1 | 98.5<br>98.9<br>99.1 |              | 98.9<br>99.3 | 99.5         | 99.5                 |
| ≥ 200<br>≥ 100             |             | 55.6<br>55.6         | 63.7                 | 73.0         | 80.2                 | 83.3                 | 90.1                 | 94.5         | 95.8                 | 98.5                 | 99.1                 | 99.1                 | 79.4<br>79.4 | 99.5         | 99.7         | 99.7                 |
| 2 100                      | <u></u>     | 55.6                 |                      | 73.0         |                      | 83.3                 | 90.1                 | 94.5         |                      |                      | 99.1                 | 99.1                 | 99.5         | 99.6         |              | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1227

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### CEILING VERSUS VISIBILITY

43311 YOKYO 1AP JAPAN/HONSHU 47-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING               |     |              |              |              |              |                  | VIS          | IBILITY (ST. | ATUTE MIL    | ES.          |              |              |              |              |              |            |
|-----------------------|-----|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| FEET                  | ≥10 | ≥ 6          | ≥ 5          | ≥ 4          | ≥3           | ≥2 ;             | ≥ 2          | ≥112         | ≥1'4         | ≥1           | ≥ ,•         | ≥ ',         | ≥.           | ≥ 5 16       | ≥ .          | ≥0         |
| NO CEILING<br>≥ 20000 |     | 29.5         | 33.0         | 38.2         | 42.9         | 44.3             | 45.6         | 46.1         | 46.2         | 46.5         | 46.5         | 46.6         | 46.6         | 46.6         | 46.6         | 46.6       |
| ≥ 18000<br>≥ 16000    |     | 30.8         | 34.6         | 40.4         | 45.2<br>45.4 | 46.6             | 47.5         | 46.6<br>48.8 | 48.7         | 48.9         | 48.9         | 49.1         | 49.1         | 49.1         | 49.1         | 49.        |
| ≥ 14000<br>≥ 12000    |     | 32.6         | 36.6         | 42.8         | 47.6         | 49.1<br>50.9     | 50.6         | 51.3         | 51.4         | 51.7         | 51.7         | 51.8         | 51.8         | 51.8         | 51.8         | 51.        |
| ≥ 10000<br>≥ 9000     |     | 36.0         | 40.3         | 46.9         | 52.0         | 53.7             | 55.5<br>56.7 | 56.4<br>57.6 | 56.6         | 56.8<br>58.0 | 56.8         | 57.0<br>58.2 | 57.0<br>58.2 |              | 57.0         |            |
| ≥ 8000<br>≥ 7000      |     | 38.6         | 43.2         | 50.0         | 55.3<br>58.4 | 57.0<br>60.1     | 58.8<br>61.9 | 59.7         | 59.9         | 60.1         | 60.1         | 60.3         | 60.3         | 50.3         | 60.3         |            |
| ≥ 6000<br>≥ 5000      |     | 45.1<br>50.1 | 50.3         | 57.9         | 63.2         | 64.9             | 66.8         | 67.7         | 67.9         | 68.3         | 68.3         | 68.5         | 68.5         | 68.5         | 68.5         | 68.<br>74. |
| ≥ 4500<br>≥ 4000      |     | 52.9<br>56.2 | 58.5         | 66.4         | 71.9         | 73.6             | 75.5         | 76.4         | 76.6         | 77.0         | 77.1         | 77.3         | 77.3<br>81.4 | 77.3<br>81.4 | 77.3<br>81.4 | 77.<br>81. |
| ≥ 3500<br>≥ 3000      |     | 59.2<br>61.0 | 64.9         |              | 79.1<br>81.2 | 81.6<br>83.2     | 82.8<br>85.0 | 83.7         | 83.9         | 84.3<br>86.6 | 84.5<br>86.7 | 84.6<br>86.9 | 84.6<br>86.9 | 84.6<br>86.9 | 84.6<br>86.9 | 84.<br>86. |
| ≥ 2500<br>≥ 2000      |     | 63.7         | 59.7         | 78.6<br>81.2 | 84.2<br>97.1 | 86.2             | 88.1<br>91.1 | 89.3<br>92.4 | 89.4<br>92.5 | 89.8<br>92.9 | 90.0         | 90.2         | 90.2         | 90.2         | 90.2         | 90.<br>93. |
| ≥ 1800<br>≥ 1500      |     | 67.0         | 72.8         | 81.9<br>82.5 | 87.8<br>88.4 | 89.7<br>90.5     | 91.9         | 93.2         | 93.4         | 93.8         | 94.0<br>95.0 | 94.1<br>95.1 | 94.1<br>95.1 | 94.1<br>95.1 | 94.1<br>95.1 | 94.<br>95. |
| ≥ 1200<br>≥ 1000      |     | 68.7         |              | 83.5         | 89.5<br>90.6 | 91.5<br>92.8     | 93.8         | 95.4         | 95.5         | 96.0         | 96.2<br>97.4 | 96.3<br>97.6 | 96.3         | 96.3         | 96.3         | 96.        |
| ≥ 900<br>≥ 800        |     | 68.7         | 75.2<br>75.6 |              | 90.7         | 92.8             | 95.1<br>95.5 | 96.7         | 96.8         | 97.B         | 98.0         |              | 97.6<br>98.2 | 97.6<br>98.2 | 97.6<br>98.2 | 98.        |
| ≥ 700<br>≥ 600        |     | 69.2         | 75.9         | 85.4         | 91.5<br>91.8 | 93.6             |              | 98.0         | 97.8<br>98.2 | 98.3<br>98.7 | 98.9         | 98.6<br>99.0 | 98.7         | 98.7<br>99.1 | 98.7<br>99.1 | 98.        |
| ≥ 500<br>≥ 400        |     | 69.4         | 75.9         | 85.5         | 91.9<br>92.1 | 94 • 1<br>94 • 4 | 96.6         | 98.5         | 98.4<br>98.7 | 98.9         | 99.3         | 99.2         | 99.3         | 99.6         | 99.6         | 99,<br>99, |
| ≥ 300<br>≥ 200        |     | 69.4         | 75.9         | 85.5         | 92.1<br>92.1 | 94.4             | 96.8         | 98.5         | 98.7         | 99.2         | 99.3         | 99.7         |              | 99.8         | 99.8         | 99         |
| ≥ 100                 |     | 69.4         |              | 85.5         | 92.1<br>92.1 | 94.4             | 96.8         |              |              |              |              | 99.8<br>99.8 |              |              | 99.9         |            |

TOTAL NUMBER OF OBSERVATIONS

1229

USAF ETAC (01 A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKY: 1AP JAPAN/HUNSHU 47-54,50-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |     |              |      |              |              |              | VIS          | BILITY STA   | ATUTE MIL    | ES           |              |              |              |              |              |            |
|-----------------------|-----|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| FEET                  | ≥10 | ≥6           | ≥ 5  | ≥ 4          | ≥3           | ≥2 ;         | ≥ 2          | ≥1 :         | ≥1.          | ≥1           | ≥ 14         | ≥`•          | ≥ ,          | ≥5 16        | ٤.           | ≥0         |
| NO CEILING<br>≥ 20000 |     | 15.7         | 18.4 |              | 26.8         | 29.4         | 32.7         | 35.7<br>38.5 | 36.5         | 39.4         | 41.7         | 42.2         | 43.1         | 43.3         | 43.3         | 43.        |
| ≥ 18000<br>≥ 16000    |     | 16.8         | 20.0 | 23.3         | 29.2         | 31.9         | 35.4         | 38.7         | 39.7         | 43.0         | 45.5<br>45.6 | 46.2         | 47.1         | 47.4         | 47.4         | 47.        |
| ≥ 14000<br>≥ 12000    |     | 17.5         | 20.8 | 24.4         | 30.3         | 33.1         | 37.0         | 40.5         | 41.5         | 45.0         | 47.6         | 48.2         | 49.4         | 49.7         | 49.8         | 30.<br>52. |
| ≥ 10000<br>≥ 9000     |     | 18.8         | 22.5 | 26.8         | 33.3         | 36.5         | 40.9         | 44.8         | 46.0         | 49.6         | 52.5<br>53.4 | 53.1<br>54.1 | 54.6         | 54.0<br>55.8 | 54.9<br>55.9 | 55,<br>56, |
| ≥ 8000<br>≥ 7000      |     | 20.3         | 24.2 | 28.9         | 35.7<br>37.6 | 39.1         | 43.8         | 47.9<br>50.0 | 49.1         | 52.9<br>55.0 | 56.0<br>58.2 | 56.7<br>58.8 | 58.2<br>60.4 | 58.4         | 58.6<br>60.8 | 58.<br>61. |
| ≥ 6000<br>≥ 5000      |     | 23.5         | 28.0 | 33.7         | 41.0         | 44.6         | 49.6<br>54.8 | 54.1<br>59.5 | 55.3         | 59.4<br>64.9 | 62.5<br>68.1 | 63.1         | 64.7         | 65.0         | 65.1         | 65.<br>71. |
| ≥ 4500<br>≥ 4000      |     | 28.7         | 34.2 | 41.4         | 49.6         | 53.5<br>57.3 | 58.7<br>62.9 | 63.5         | 64.7         | 68.9<br>73.1 | 72.1<br>76.3 | 72.8         | 74.4         | 74.6         | 74.8         | 75.<br>79  |
| ≥ 3500<br>≥ 3000      |     | 32.5         | 38.6 | 1            | 56.1<br>58.3 | 60.2         | 65.9         | 70.8         | 72.0         | 76.4<br>79.6 | 79.7         | 80.4         | 32.0<br>85.3 | 82.2<br>85.5 | 82.4<br>85.7 | 82<br>85   |
| ≥ 2500<br>≥ 2000      |     | 35.9<br>37.1 | 42.7 | 52.0<br>53.9 | 51.4         | 65.7<br>67.8 | 71.9         | 77.3         | 78.5<br>81.0 | 83.1<br>85.7 | 86.4<br>89.0 | 87.0<br>89.8 | 88.7         | 88.9<br>91.7 | 89.1         | 89<br>92   |
| ≥ 1800<br>≥ 1500      |     | 37.4         |      | 54.5<br>55.0 | 64.1         | 68.4         | 75.0<br>76.0 | 80.6<br>81.7 | 81.9         | 86.5<br>88.1 | 89.9<br>91.6 | 90.7         | 92.4         | 92.6         | 92.8<br>94.5 | 93<br>94   |
| ≥ 1200<br>≥ 1000      |     | 38.3         | 1    | 56.1<br>56.7 | 65.9         | 70.3<br>70.9 | 77.4         | 83.2<br>84.1 | 84.7         | 89.5<br>90.5 | 93.0         | 93.8         | 95.5         |              | 95.9         | 96<br>97   |
| ≥ 900<br>≥ 800        |     | 38.6         | 46.2 | 56.7<br>56.8 | 66.4         | 71.0         | 78.4<br>73.8 | 84.3         | 85.9<br>86.2 | 90.7<br>91.0 | 94.2         | 95.0<br>95.4 | 96.7<br>97.0 | 97.0<br>97.3 | 97.1<br>97.4 | 97<br>97   |
| ≥ 700<br>≥ 600        |     | 38.7         | 46.5 | 56.9<br>57.3 | 67.0         | 71.6         | 79.1         | 84.9         | 86.5<br>87.4 | 91.4<br>92.5 | 95.0<br>96.0 | 95.8<br>96.9 | 97.4<br>98.5 | 98.7         | 97.8<br>98.9 | 98<br>99   |
| ≥ 500<br>≥ 400        |     | 38.7         | 46.6 |              | 67.5         | 72.2         | 79.7         | 85.9<br>86.1 | 87.6<br>87.7 | 92.6<br>92.8 | 96.2         | 97.0<br>97.2 | 98.6         | 99.1         | 99.0         | 99         |
| ≥ 300<br>≥ 200        |     | 38.7         | 46.6 |              | 67.5         | 72.3         | 79.9<br>79.9 |              | 87.7<br>87.7 | 92.8         | 96.5         | 97.3<br>97.3 | 99.0         | 99.2         | 99.4<br>99.4 | 99         |
| ≥ 100<br>≥ 0          |     | 38.7         | 46.6 |              | 67.5         | 72.3         | 77.9         |              | 87.7<br>67.7 | 92.8         |              | 97.3         | 99.0         |              |              | 99<br>100  |

TOTAL NUMBER OF OBSERVATIONS

1248

USAF ETAC 20164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLETE

# CEILING VERSUS VISIBILITY

43311

10KYU 1AP JAPAN (-UNSHU 47-54,50-60,66,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING            |     |      |      |              |              |                  | VIS          | BILITY STA   | ATUTE MILI   | rs           |              |              |              |              |              |               |
|--------------------|-----|------|------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET               | ≥10 | ≥6   | ≥ 5  | ≥ 4          | ≥3           | ≥2.              | ≥2           | ≥1.          | ≥1.          | ≥1           | ≥ -4         | ≥`⊾          | ≥ .          | ≥5 16        | ≥ .          | ≥0            |
| NO CEILING ≥ 20000 |     | 21.8 | 25.0 | 28.4         | 33.1         | 35.3             | 34.8         | 41.5         | 42.8         | 44.4         | 45.5         | 45.7         | 46.3         | 46.3         | 46.5         | 46.5<br>52.0  |
| ≥ 18000<br>≥ 16000 |     | 23.1 | 27.1 | 31.2         | 36.4         | 39.0<br>39.1     | 43.1         | 46.2         | 47.7         | 49.6         | 51.2<br>51.5 | 51.4<br>51.7 | 52.2<br>52.5 | 52.2<br>52.5 | 52.4<br>52.7 | 52.4<br>52.7  |
| ≥ 14000<br>≥ 12000 |     | 23.5 | 27.6 | 31.9         | 37.4<br>38.7 | 40.1<br>41.6     | 44.1         | 47.6         | 49.2<br>51.1 | 51.1<br>53.0 | 53.0<br>55.0 | 53.3<br>55.3 | 54.2<br>56.3 | 54.2         | 54.3<br>56.4 | 54.4          |
| ≥ 10000<br>≥ 9000  |     | 24.3 | 28.8 | 33.7         | 40.2         | 43.3<br>43.8     | 48.3         | 52.2<br>53.3 | 53.9<br>55.1 | 55.9<br>57.1 | 58.0<br>59.3 | 58.3<br>59.6 | 59.3         | 59.3         | 59.4<br>60.8 | 59.5<br>60.9  |
| ≥ 8000<br>≥ 7000   |     | 25.7 | 30.3 | 35.5         | 42.6         | 45.7             | 51.0<br>53.0 | 55.5<br>57.8 | 57.5<br>59.8 | 59.5<br>62.1 | 61.8         | 62.1         | 63.1         | 63.1         | 63.3         | 63.4          |
| ≥ 6000<br>≥ 5000   |     | 28.0 | 35.0 | 39.4         | 47.5         | 50.8<br>55.3     | 56.6<br>61.4 | 61.6         | 63.5         | 65.9         | 68,1<br>73.8 | 68.4         | 69.5         | 69.3<br>75.1 | 69.6<br>75.3 | 69.8<br>75.5  |
| ≥ 4500<br>≥ 4000   |     | 32.0 | 37.5 | 44.7         | 53.8         | 57.5<br>60.5     | 64.0         | 69.5<br>73.4 | 71.6         | 74.2         | 76.5<br>80.9 | 76.8<br>81.2 | 77.8<br>82.2 | 77.8         | 78.0<br>82.4 | 78.2<br>82.5  |
| ≥ 3500<br>≥ 3000   |     | 34.3 | 40.5 | 48.7<br>50.2 | 58.0<br>59.6 | 61.6<br>63.7     | 69,3<br>71.6 | 75.3<br>77.8 | 77.6<br>80.2 | 80.5<br>83.2 | 82.9         | 83.3<br>86.1 | 84.3<br>67.3 | 84.3         | 84.5         | 84.6          |
| ≥ 2500<br>> 2000   |     | 35.8 | 42.6 | 51.6         | 61.4         | 65.6             | 73.9         | 80.6<br>82.2 | 82.9         | 85.9<br>87.6 | 88.6<br>90.4 | 88.9<br>90.7 | 90.0<br>91.9 | 90.0         | 90.2         | 90.4          |
| ≥ 1800<br>≥ 1500   |     | 36.7 | 43.7 | 53.3         | 63.4         | 67.6             | 76.3         | 83.1         | 85.5         | 88.4         | 91.2<br>92.3 | 91.6         | 92.7         | 92.7         | 92.9         | 94.2          |
| ≥ 1200<br>≥ 1000   |     | 36.7 | 44.2 | 54.6         | 64.4         | 69.0             | 78.0         | 85.1<br>85.9 | 97.6<br>88.4 | 90.8         | 93.7         | 94.0         | 95.3         | 95.3         | 95.5         | 95.6          |
| ≥ 900<br>≥ 800     |     | 37.1 | 44.7 | 54.7         | 65.2         | 70.0             | 79,0         | 86.2         | 88.8<br>89.3 | 92.2         | 95.1<br>95.6 | 95.4<br>95.9 | 96.7         | 96.7         | 96.9         | 97.1          |
| ≥ 700<br>≥ 600     |     | 37.1 | 44.8 | 54.9         | 65.5         | 70.4             | 79.8<br>80.5 | 87.0<br>87.8 | 89.6         | 93.0         | 96.2         | 96.5         | 97.8         | 97.8         | 98.0         | 98.2          |
| ≥ 500<br>≥ 400     |     | 37.2 | 44.9 | 55.2         | 66.0         | 71.1<br>71.1     | 80.7         | 88.1<br>88.2 | 90.8         | 94.4         | 97.6<br>97.8 | 98.2         | 99.5         | 99.5         | 99.4         | 99.8          |
| ≥ 300<br>≥ 200     |     | 37.2 | 44.9 | 55.2<br>53.2 | 66.0         | 71 • 1<br>71 • 1 | 80.8         | 88.2<br>88.2 | 90.9         | 94.6         | 97.8         | 98.2         | 99.5         | 99.5         | 99.8         | 99.7          |
| ≥ 100<br>≥ 0       |     | 37.2 | 1    | 1            | 66.0         | 71.1             | 80.8         |              |              | 94.6         |              | 98.2<br>98.2 | 99.5         | 1 1          |              | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1255

USAF ETAC 101.64 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 THEY! TAP JAPAN HUNSHU 47-54,56-60,68,71-72

TO A 18 CONTROL OF THE SECRETARY SECRETARY SECRETARY SECRETARY ASSESSMENT ASS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEIUNG                |  |              |              |              |              |              | VIS          | BILITY STA   | ATUTE MIL    | ES           |              |              |              |                |              |                |
|-----------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|----------------|
| FEET:                 | ≥10  | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥212         | ≥ /          | ≥1;          | ≥1.4         | ≥1           | ≥.14         | ≥ '×         | ≥ ,          | ≥5 16          | ≥ 4          | ≥0             |
| NO CEILING<br>2 70000 |  | 34.5         | 36.6<br>41.7 | 39.7<br>45.5 | 42.4         | 43.3         | 44.2<br>50.5 | 45.1<br>51.5 | 45.1<br>51.5 | 45.3<br>51.8 | 45.3<br>51.9 | 41.3         | 45.3<br>51.9 | 45.3<br>51.9   | 45.3<br>51.9 | 45.3<br>51.9   |
| ≥ 18000<br>≥ 16000    | J  | 39.6<br>40.1 | 42.1         | 45.8         | 48.8         | 49.8<br>50.3 | 50.8<br>51.4 | 51.9<br>52.4 | 51.9<br>52.8 | 52.2<br>53.2 | 52.4<br>53.4 | 52.4<br>53.4 | 52.4<br>53.4 | 52.4<br>53.4   | 52.4<br>53.4 | 52.4<br>53.4   |
| ≥ 14060<br>≥ 12000    |  | 40.7<br>41.8 | 43.1         | 47.2<br>48.9 | 50.2<br>52.2 | 51.3<br>53.2 | 52.4<br>54.5 | 53.6<br>55.7 | 53.9<br>56.0 | 54.4<br>56.6 | 54.6<br>56.8 | 54.6<br>56.8 | 54.6<br>56.8 | 54.6<br>56.8   | 56.8         | 54.6<br>56.8   |
| ≥ 10000<br>≥ 9000     |  | 43.5         | 46.4         | 51.1<br>51.9 | 54.5<br>55.4 | 55.8<br>56.9 | 57.5<br>58.6 | 58.8<br>60.1 | 59.2         | 59.7<br>61.2 | 60.0         | 60.0         | 60.0         | 60.0           | 60.0         | 60.0           |
| ≥ 8000<br>2 7000      |  | 46.4         | 49.4         | 54.7<br>57.1 | 58.3         | 60.0<br>62.8 | 61.7         | 63.2<br>66.2 | 63.7         | 67.4         | 64.9         | 64.9         | 64.9         | 64.9<br>67.9   | 64.9         | 67.9           |
| ≥ 5000<br>≥ 5000      |  | 50.6<br>53.4 | 54.2<br>57.4 | 60.3         | 64.5         | 66.4         | 68.2<br>72.0 | 69.9<br>74.1 | 70.6         | 71.4         | 72.0<br>76.7 | 72.0         | 72.2         | 72.2<br>76.9   | 72.2         | 72.2<br>76.9   |
| ≥ 4500<br>≥ 4000      |  | 54.8<br>56.6 | 58.8<br>60.8 | 65.2         | 69.6         | 71.5<br>74.1 | 73.6         | 75.7<br>78.9 | 76.5<br>79.8 | 77.9<br>81.2 | 78.6<br>82.0 | 78.6<br>82.0 | 78.8         | 78.8<br>82.2   | 78.8<br>82.2 | 78.8<br>82.2   |
| ≥ 3500<br>≥ 3000      | ···  | 57.2<br>58.5 | 61.5         | 70.4         | 73.3<br>75.5 | 75.4         | 78.0<br>80.4 | 80.5<br>83.1 | 81.5         | 83.1<br>85.8 | 83.9         | 83.9<br>86.6 | 84.0         | 84.0<br>86.9   | 84.0         | 84.0           |
| ≥ 2500<br>≥ 2000      | <b>.</b>                                     | 59.6         | 65.0<br>66.3 | 72.5         | 77.7         | 79.8         | 82.7<br>85.3 | 85.5<br>88.4 | 86.5         | 88.3<br>91.2 | 89.3<br>92.3 | 89.3<br>92.3 | 89.5<br>92.5 | 89.5<br>92.5   | 89.5<br>92.5 | 92.5           |
| ≥ 1800<br>≥ 1500      |  | 60.9         | 66.6         | 74.6         | 80.2         | 82.7<br>83.5 | 86.0<br>87.1 | 90.5         | 90.2<br>91.6 | 92.1<br>93.4 | 93.2         | 93.2<br>94.5 | 94.9         | 93.6<br>95.0   | 93.6<br>95.0 | 93.6<br>95.0   |
| ≥ 1200<br>≥ 1000      | <u>.                                    </u> | 61.3         | 67.5<br>67.7 | 75.7         |              | 84.4         | 87.7         |              | 92.3         | 94.6         | 95.9         | 95.9         | 96.2<br>96.8 | 96.3<br>96.9   | 96.3         | 96.9           |
| ≥ 900<br>≥ 870        |  | 61.6         | 67.9         | +            | 82.1         | 84.8         | 88.3<br>83.6 | 92.0         | 93.0         | 95.8<br>96.0 | 97.2         | 97.4         | 97.5<br>97.7 | 97.6<br>97.5   | 97.6         | 97.6           |
| ≥ 700<br>≥ 600        |  | 61.6         | 67.9         | 76.4         |              | 85.3         | 89.1         | 92.7         | 93.9         | 96.7<br>97.1 | 98.1<br>98.6 | 98.1<br>98.8 | 98.4<br>99.1 | 96.5           | 98.5<br>99.2 | 99.2           |
| ≥ 500<br>≥ 400        |  | 61.8         |              | 76.6         | 82.9         | 85.7         | 89.5         | 93.5         | 94.7         | 97.5         | 99.0         | 99.2         | 99.5         | 99.6           | 99.6<br>99.8 | 99.8           |
| ≥ 300<br>≥ 200        | <u> </u>                                     | 61.8         | 68.1         | 76.6         | 82.9         | 85.7<br>85.7 | 89.6         | 93.5         | 94.8         | 97.7         | 99.3         | 99.4         | 99.8         |                |              | 99.8<br>100.0  |
| ≥ 100<br>≥ 0          |  | 61.8         |              | 76.6         |              | 85.7<br>85.7 | 89.6         | 1 -          | 94.8         | 97.7         | 99.4         | 99.6         | 99.9         | 100.0<br>100.0 |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1234

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKYO TAP JAPAN SHU

47-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

|                       |     |              |              |              | ,            |              |              |              |              |              |              |              |              |              |                  |              |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|
| CEILING               |     |              |              |              |              |              | VIS          | BILITY ST    | ATUTE MIL    | ES           |              |              |              |              |                  |              |
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2.          | ≥ 2          | ≥1'          | ≥1 :         | Ż١           | ≥ '₄         | ≥ .          | ≱.           | ≥5 16        | ≥'₄              | ≥0           |
| NO CEILING<br>≥ 20000 |     | 37.6         | 39.1<br>43.7 | 40.6         | 42.2         | 43.0<br>47.6 |              |              |              | 43.5<br>48.5 | 43.5         | 43.5         | 43.6         |              | 43.6<br>48.6     | 43.6<br>48.6 |
| ≥ 1800√<br>≥ 16000    |     | 42.4         | 44.5         | 46.1         | 47.9<br>48.8 | 48.7         | 49.0         |              | 49.2         | 49.3<br>50.3 | 49.3<br>50.3 | 49.3<br>50.3 | 49.4         | 49.4<br>50.4 | 49.4<br>50.4     | 49.4<br>50.4 |
| ≥ 14000<br>≥ 12000    |     | 44.1         | 46.5         | 48.3         | 50.1<br>52.8 | 51.0<br>53.7 | 51.6<br>54.5 | 52.0<br>54.9 | 52.1<br>55.1 | 52.2<br>55.2 | 52.2<br>55.2 | 52.2<br>55.2 | 52.2<br>55.2 | 52.2<br>55.2 | 52.2             | 52.2<br>55.2 |
| ≥ 10000<br>≥ 9000     |     | 47.8         | 50.9         | 53.0<br>54.0 | 55.2<br>56.5 | 56.2<br>57.5 | 57.2<br>58.5 | 57.8<br>59.2 | 57.9<br>59.3 | 58.2<br>59.6 | 58.3<br>59.8 | 58.3<br>59.8 | 58.3<br>59.9 | 58.3<br>59.9 | 58.3<br>59.9     | 58.3<br>59.9 |
| ≥ 8000<br>≥ 700a)     |     | 50.1<br>52.2 | 53.5<br>55.7 | 56,1<br>58,5 | 58.7         | 59.7<br>62.2 | 60.8         | 61.4         | 61.7<br>64.6 | 64.9         | 62.2<br>65.2 | 62.2<br>65.2 | 62.3<br>65.3 | 65.3         | 62.3<br>65.3     | 65.3         |
| ≥ 6000<br>≥ 5000      |     | 54.8         | 58.6         | 61.5         | 64.4         | 65.7         | 71.0         | 68.1<br>72.1 | 68.3         |              | 68.9<br>73.3 | 68.9<br>73.3 | 69.1<br>73.6 | 69.1<br>73.6 | 69 · 1<br>73 · 6 | 69.1<br>73.6 |
| ≥ 4500<br>≥ 4000      |     | 59.5         | 66.0         | 69.2         | 69.8<br>72.7 | 71.0<br>74.0 | 75.9         | 74.0         | 77.5         | 78.2         | 75.3<br>78.6 | 78.6         | 78.8         |              |                  | 78.8         |
| ≥ 3500<br>≥ 3000      |     | 62.7         |              | 70.7         | 74.1         | 75.5<br>78.9 | 77.7         | 78.9         | 83.4         | 84.4         | 80.7<br>85.0 |              |              |              | 85.4             | 85.4         |
| ≥ 2500<br>≥ 2000      |     | 67.0         | 74.5         | 75.8         | 82.3         | 84.2         | 87.3         | 89.0         | 89.5         | 90.8         | 88.4<br>91.5 | 91.5         | 91.9         | 91.9         | 92.0             | 92.1         |
| ≥ 1800<br>≥ 1500      |     | 68.7         | 74.8         | 79.3         | 83.2         | 85.3         | 88.7         | 90.7         | 91.2         | 92.8         | 93.7         | 91.9<br>93.7 | 94.1         | 94.1         | 94.2             | 94.3         |
| ≥ 1200<br>≥ 1000      |     | 69.2         | 75.3         | 30.1         | 84.2         | 86.4         | 90.2         | 92.5         | 93.0         | 94.8         | 95.8         | 95.8         | 96.3         | 96.3         | 96.3             | 96.4         |
| ≥ 900<br>≥ 800        |     | 69.2         | 75.4         | 80.3         | 84.4         |              | 90.8         | 93.2         | 93.8         | 95.9         | 96.9         | 96.9         | 37.4         | 97.4         | 97.5             | 97.6         |
| ≥ 700<br>≥ 600        |     | 69,2         | 75.7         | 80.6         | 85.0         | 87.5         | 91.5         |              | 94.9         | 97.2         | 98.2         | 98.2         |              |              |                  | 99.3         |
| ≥ 500<br>≥ 400        |     | 69.3         | 75.7         | 80.7         | 85.1         | 87.6<br>87.6 | 91.6         | 94.4         | 95.1         | 97.5         | 98.7         | 98.7         | 99.3         | 99.3         | 99.4             | 99.8         |
| ≥ 300<br>≥ 200        |     | 69.3         | 75.7         | 80.7         | 85.1         | 87.6<br>87.6 |              | 94.5         | 95.2         | 97.6         | 98.9         |              |              | 99.6         | 99.7             | 100.0        |
| ≥ 100<br>≥ 0          |     | 69.3         | 75.7         | 80.7         | 85.1         | 87.6<br>87.6 | 91.7         | 94.5         |              | 1            | 1            |              |              |              |                  | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1229

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKYU 1AP JAPAN/FUNSHU 47-54,56-60,68,71-72

<u> %0x</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-5000

| CEILING                    |     |              |              |              |              |              | vis                  | IBILITY STA   | ATUTE MILI   | ES:          |                      |                      |                      |                      |                |                      |
|----------------------------|-----|--------------|--------------|--------------|--------------|--------------|----------------------|---------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------|----------------------|
| ·FEET:                     | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2,          | ≥ 2                  | ≥1'2          | ≥1',         | ≥1           | ≥ <sup>1</sup> a     | ≥ '•                 | ≥ 2                  | ≥5 16                | ≥ .            | ≥0                   |
| NO CEILING<br>≥ 20000      |     | 31.5<br>34.0 | 33·1<br>35·7 | 35.4<br>38.3 | 37.1<br>40.2 | 37.8<br>40.9 | 38.9<br>42.2         | 40.7          | 41.1         | 42.5<br>46.0 | 43.3                 | 43.3                 | 43.6                 | 43.6                 | 43.6<br>47.2   | 43.6                 |
| ≥ 18000<br>≥ 16000         |     | 34.2         | 35.9<br>36.0 | 38.4         | 40.4         | 41.1<br>41.2 | 42.4                 | 44.3          | 44.7         | 46.2         | 47.1<br>47.3         | 47.1<br>47.3         | 47.4                 | 47.4                 | 47.4           | 47.4                 |
| ≥ 14000<br>≥ 12000         |     | 35.3<br>37.8 | 37.0         | 39.8<br>42.5 | 41.9         | 42.8         | 44.5                 | 46,4          | 46.9<br>50.3 | 48.3<br>51.9 | 49.3<br>52.8         | 49.3<br>52.8         | 49.6<br>53.1         | 49.6<br>53.1         | 49.6<br>53.1   | 49.6<br>53.1         |
| ≥ 10000<br>≥ 9000          |     | 38.8<br>40.1 | 40.6         | 43.7         | 46.3         | 47.3         | 49.3                 | 51.5<br>53.3  | 52.1<br>54.0 | 53.8<br>55.7 | 54.9<br>56.8         | 54.9<br>56.8         | 55.3<br>57.2         | 55.3<br>57.2         | 55.3<br>57.2   | 55.3<br>57.2         |
| ≥ 8000<br>≥ 7000           |     | 41.4         | 43.7         | 47.0         | 49.8<br>52.6 | 53.8         | 53.0<br>56.0         | 55.3<br>58.3  | 56.1<br>59.3 | 57.8<br>61.1 | 58.8                 | 58.8<br>62.2         | 59.3                 | 59.3<br>62.7         | 59.3<br>62.7   | 59.3                 |
| ≥ 6000<br>≥ 5000           |     | 47.8<br>20.7 | 50.3         | 57.2         | 57.2<br>60.4 | 58.6<br>61.8 | 65.8                 | _             | 64.3         | 70.1         | 67.4<br>71.2         | 67.4<br>71.2         | 67.9<br>71.7         | 67.9<br>71.7         | 67.9           | 67.9                 |
| ≥ 4500<br>≥ 4000           |     | 53.1         | 55.8<br>59.0 | 63.2         | 63.1         | 68.2         | 67.0                 | 73.6          | 71.1         | 72.1<br>77.1 | 74.3<br>78.3         | 74.3                 | 74.8<br>78.8         | 74.8<br>78.8         | 74.8<br>78.8   | 78.8                 |
| ≥ 3500<br>≥ 3000           |     | 58.8         | 63.3         | 66.2         | 69.8         | 71.3         | 73.9<br><u>76.1</u>  | 76.9<br>-79.1 | 78.1<br>80.3 | 80.3         | 81.5<br>83.9         | 81.5                 | 84.4                 | 82.0<br>84.4         | 84.4           | 82.0                 |
| ≥ 2500<br>≥ 2000<br>≥ 1800 |     | 63.6         | 67.4         | 73.0         | 73.9<br>76.8 |              | 78.8                 | 82.1<br>85.0  | 83.3         | 85.5         | 86.9<br>89.9         | 86.9                 | 90.4                 | 87.4<br>90.4         | 90.4           | 90.4                 |
| ≥ 1500                     |     | 65.4         | 69.3         | 75.3         | 77.5         |              | 84.5                 | 88.1          | 87.0<br>89.3 | 91.8         | 93.4                 | 93.4                 | 93.9                 | 91.2                 |                | 91.2<br>93.9<br>95.2 |
| ≥ 1000                     |     | 65.5         | 69.6         | 76.1         | 80.6         | 82.6         | 86.4                 |               | 91.5         | 94.1         | 94.7<br>95.3         | 94.7                 | 95.2                 | 95.2                 | 96.4           | 96.4                 |
| ≥ 800                      |     | 65.8         | 69.7         | 76.4         | 81.0         |              | 87.0                 | 90.8          | 92.1         | 94.8         | 96.0<br>96.6         | 96.6                 | 97.3                 | 96.6                 | 97.3           | 97.3                 |
| ≥ 600                      |     | 66.0         | 70.2         | 76.9         | 81.4         | 83.6         | 87.5<br>86.0         | 91.9          | 93.2         | 96.0         | 97.2<br>97.9         | 97.9                 | 98.6                 |                      | 98.6           |                      |
| ≥ 400                      |     | 66.2<br>66.2 | 70.2         | 77.0         | 82.0         | 84.1         | 88.3<br>88.4<br>88.5 | 92.4          | 93.9         | 96.9         | 98.4<br>98.8<br>99.2 | 98.4<br>98.8<br>99.2 | 99.2<br>99.6<br>99.9 | 99.2<br>99.6<br>99.9 | 99.6           | 99.6                 |
| ≥ 200                      |     | 66.2         | 70.2         | 77.0         | 82.0         | 84.2         | 88.5                 | 92.6          | 94.0         |              | 99.2                 | 99.2                 | 100.0                | 100.0                | 100.0          | 100.0                |
| ≥ 0                        | L   | 66.2         | 70.2         | 77.0         | 82.0<br>82.0 |              |                      |               |              |              | 99.2                 |                      |                      |                      | 100.0<br>100.0 | - 1                  |

TOTAL NUMBER OF OBSERVATIONS

1210

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TUKYC 1AP JAPAN/HUNSHU 47-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |          |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MILI   | ES.          |              |              |              |              |              |              |
|-----------------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10      | ≥6           | ≥5           | ≥4           | ≥3           | ≥2;          | ≥ 2          | ≥1 ;         | ≩1'₄         | ≥1           | ≥ 34         | ≥ ′s         | ≥ 2          | ≥5 16        | ≥ '•         | ≥0           |
| NO CEILING<br>≥ 20000 |          | 21.5         | 23.2         | 25.2<br>27.2 | 27.7         | 29.1         | 33.9<br>36.1 | 35.9<br>38.2 | 37.4<br>39.8 | 40.6<br>43.2 | 42.6         | 43.0         | 44.0         | 44.0         | 44.0<br>46.9 | 44.1<br>47.6 |
| ≥ 18000<br>> 16000    |          | 23.4         | 25.2         | 27.3         | 30.0<br>30.1 | 31.4         | 36.3<br>36.4 | 38.4         | 39.9<br>40.i | 43.4         | 45.5<br>45.7 | 45.8         | 47.1         | 47.1         | 47.1         | 47.4         |
| ≥ 14000<br>≥ 12000    |          | 24.2         | 20.1         | 28.2<br>30.0 | 31,1<br>33.2 | 32.8<br>35.0 | 37.9<br>40.2 | 40.1         | 41.7         | 45.6<br>48.1 | 47.9<br>50.4 | 48.2<br>50.7 | 49.5<br>52.0 | 49.6<br>52.1 | 49.6<br>52.2 | 49.7<br>52.3 |
| ≥ 10000               |          | 27.4         | 29.6<br>30.4 | 32.2         | 35.4<br>36.3 | 37.4<br>38.3 | 42.7         | 45.1<br>46.1 | 46.8         | 50.8<br>52.0 | 53.1<br>54.3 | 53.4<br>54.6 | 54.7<br>56.0 | 54.8<br>56.1 | 54.9<br>56.1 | 55.0<br>56.2 |
| ≥ 8000<br>≥ 7000      |          | 30.3         | 32.7<br>35.6 | 35.6<br>39.0 | 39.0<br>42.7 | 41.0         | 46.4<br>50.2 | 49.0<br>53.0 | 50.8<br>54.9 | 55.2<br>59.4 | 57.5<br>61.8 | 57.9<br>62.1 | 59.2<br>63.5 | 59.3<br>63.6 | 59.4<br>63.7 | 59.5<br>63.7 |
| ≥ 6000<br>≥ 5000      |          | 35.4<br>38.9 | 36.5         | 42.2<br>45.8 | 46.1<br>50.0 | 48.0<br>52.0 | 53.8<br>58.3 | 56.8<br>61.2 | 58.7<br>63.2 | 63.2<br>67.9 | 65.6<br>70.6 | 66.0<br>70.9 | 67.3<br>72.3 | 67.4<br>72.4 | 67.5<br>72.5 | 72.6         |
| ≥ 4500<br>≥ 4000      |          | 41.5         | 44.6         | 48.7<br>51.6 | 53.0<br>56.1 | 55.1<br>58.2 | 61.6         | 64.8<br>68.1 | 70.1         | 71.6<br>75.0 | 74.3         | 74.6         | 76.0<br>79.4 | 76.1         | 76.2         | 76.3<br>79.7 |
| ≥ 3500<br>≥ 3000      | ļ        | 45.7         | 49.3         | 53.8<br>56.3 | 58.3<br>61.0 | 63.3         | 67.3<br>70.2 | 70.9         | 73.0<br>75.9 | 78.1<br>81.0 | 80.8         | 81.1         | 82.6<br>85.5 | 82.7<br>85.7 | 82.8         | 82.9         |
| ≥ 2500<br>≥ 2000      | <u> </u> | 49.2<br>51.2 | 53.4<br>55.8 | 58.2<br>60.7 | 63.3         | 65.5<br>68.5 | 72,6         | 76.4         | 78.5<br>82.0 | 83.7         | 86.4<br>90.1 | 86.7<br>90.4 | 88.2<br>91.9 | 88.4<br>92.1 | 92.1         | 88.5<br>92.2 |
| ≥ 1800                |          | 51.6<br>52.6 | 56.3<br>57.4 | 61.2         | 66.8         | 69.2<br>70.6 |              | 80.9<br>82.4 | 83.0<br>84.5 | 88.3<br>90.0 | 91.1         | 91.4<br>93.1 | 92.9         | 93.0         | 93.1         | 93.2         |
| ≥ 1200<br>≥ 1000      | ļ        | 52.9         | 57.9<br>58.3 | 63.5         | 69.4         | 71.4         | 79.1         | 83.5         | 85.7<br>86.3 | 91.2         | 93.9         | 94.3<br>95.1 | 95.7<br>96.6 | 95.9         | 96.0<br>96.8 | 96.9         |
| ≥ 900<br>≥ 800        |          | 53.4         | 58.3         | 63.7         | 69.9         | 72.3         | 80.0<br>80.4 | 84.7         | 86.6         | 92.2         | 95.0<br>95.3 | 95.3<br>95.7 | 96.8         | 97.0         | 97.1<br>97.4 | 97.1<br>97.5 |
| ≥ 700<br>≥ 600        | ļ        | 53.7         | 58.8         | 64.1         | 70.5         | 73.2         | 86.9<br>81.2 | 85.8         | 87.6<br>88.0 | 93.2<br>93.6 | 96.0<br>96.4 | 96.3<br>96.7 | 98.4         | 98.0         | 98.0<br>98.6 | 98.7         |
| ≥ 500<br>≥ 400        |          | 53.9         | 59.2<br>59.2 | 64.6         | 70.9         | 73.7<br>73.9 | 81.7         | 86.3         | 88.5         | 94.2         | 97.0<br>97.3 | 97.3<br>97.6 | 98.9         | 99.1<br>99.4 | 99.2         | 99.6         |
| ≥ 300                 |          | 53.9         | 59.2         | 64.7         | 71.4         | 74.1<br>74.1 | 82.2         | 87.0         | 89.1<br>19.2 | 94.8         | 97.6         | 98.0         | 99.7         | 99.8<br>99.8 |              | 99.9         |
| ≥ 00                  | <u> </u> | 53.9         | 59.2         | 64.7         | 71.4         | 74.1         | 82.2         | 87.0         | 89.2<br>89.2 | 94.9         |              | 98.0         | 99.7         | 99.8         |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1222

USAF ETAC NICO 0-14-5 (OL A) PREVIOUS EDIHONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TOKY : 1AP JAPAN (+ONSHU 46-54, 56-60, 68, 71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ာဂ္ဂဂ္ဂဇ္ တု 200

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY ST   | ATUTE MILI   | E\$,         |              |              |              |              |                  |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥212         | ≥ ?          | ≥1′2         | ≥1'4         | ≥1           | ≥ ;₄         | ≥`\          | ≥ '2         | ≥5 16        | ≥ '4             | ≥0            |
| NO CEILING<br>≥ 20000 |     | 30.7         |              | 38.8         |              | 46.9         | 52.3<br>53.6 | 56.9<br>58.3 | 58.2         | 61.0         | 62.4         | 62.4         | 62.8         | 62.8         | 63.0             | 63.2          |
| ≥ 18000<br>≥ 16000    |     | 31.5         | 34.8         | 39.9         | 45.2         | 48.3         | 53.9         | 58.6<br>58.6 | 60.0         | 62.9         | 64.5         | 64.5         | 64.9         | 64.9         | 65.2             | 65.3          |
| ≥ 14000<br>≥ 12000    |     | 32.0<br>33.0 | 35.3<br>36.3 | 40.5         | 45.8         | 48.8<br>50.4 | 54.5<br>56.2 | 59.4<br>61.3 | 60.8         | 63.8         | 65.3         | 65.5<br>67.8 | 65.9<br>68.2 | 65.9<br>68.2 | 66 • 2<br>68 • 5 | 66.4          |
| ≥ 10000<br>≥ 9000     |     | 34.7         | 1 1 11       | 43.5         | 49.3         | 52.7         | 58.6<br>59.3 | 64.5         | 65.9         | 68.2<br>69.0 | 70.2         | 70.4         | 70.9         | 70.9         | 71.2             | 71.4          |
| ≥ 8000<br>≥ 7000      |     | 36.1<br>37.1 | 39.6         | 45.2         | 51.1<br>52.5 | 54.6<br>56.0 | 60.6         | 65.8         | 67.3         | 70.4         | 72.6         | 72.8         | 73.3         | 73.3         | 73.6             | 73.5          |
| ≥ 6000<br>≥ 5000      |     | 36.7         | 42.4         | 48.4         | 54.7<br>58.1 | 58.3<br>62.0 | 64.6         | 69.8         | 71.3<br>75.3 | 74.5<br>78.5 | 76.7<br>60.7 | 76.9         | 77.3<br>81.4 | 77.3<br>81.4 | 77.7<br>81.8     | 77.8          |
| ≥ 4500<br>≥ 4000      |     | 43.2         | 46.9         | 53.3<br>55.0 |              | 63.9<br>65.9 | 70.3         | 75.7<br>78.1 | 77.3         | 80.5         | 82.8<br>85.6 | 83.i<br>85.8 | 83.5         | 83.5         | 83.9             | 84.0<br>86.8  |
| ≥ 3500<br>≥ 3000      |     | 45.6         | 49.6<br>50.7 | 56.2<br>57.4 | 63.4<br>64.8 | 67.5<br>69.0 | 74.3<br>75.8 | 79.9<br>81.5 | 81.5         | 85.0         | 87.6<br>89.1 | 87.8<br>89.3 | 88.3         | 88.3<br>89.8 | 88.7<br>90.2     | - 1           |
| ≥ 2500<br>≥ 2000      |     | 47.9         | 52.4         | 58.6         | 67.3         | 70.3         | 77.1<br>78.3 | 82.8<br>84.0 | 84.6<br>85.8 | 88.2<br>89.7 | 90.8<br>92.2 |              | 91.5<br>93.0 | 93.0         | 91.9<br>93.3     | 92.0          |
| ≥ 1800<br>≥ 1500      |     | 48.8         | 53,3         | 60.1         | 67.9<br>68.4 | 72.5         | 78.9<br>79.4 | 84.7         | 86.6<br>87.3 | 90.5         | 93.0<br>93.8 | 93.2         | 93.8         | 93.8<br>94.6 | 94.1             | 94.3          |
| ≥ 1200<br>≥ 1000      |     | 49.5         | 54.2         | 61.3         | 69.7         | 73.3<br>73.8 | 80.2<br>80.7 | 86.8         | 88.1<br>88.8 | 92.0         | 94.6<br>95.6 | 95.9         | 96.4         | 95.5<br>96.4 | 95.9<br>96.8     | 96.9          |
| ≥ 900<br>≥ 800        |     | 50.1         | 54,5         | 61.8         | 70.1         | 74.1<br>74.3 | 81.0<br>81.3 | 87.5         | 89.2<br>89.5 | 93.1<br>93.4 | 95.9<br>96.2 | 96.2         | 97.1         | 96.8<br>97.1 | 97.2<br>97.5     | 97.6          |
| ≥ 700<br>≥ 600        |     | 50.5         | 55.3         | 62.9         | 70.6         | 75.2         | 81.8<br>82.2 | 88.1<br>88.7 | 90.0         | 94.0         | 97.5         |              |              | 98.4         | 98 • 1<br>98 • 6 | 98.9          |
| ≥ 500<br>≥ 400        |     | 50.8         | 55.3         | 62.9         | 71.3         | 75.4<br>75.4 | 82.6<br>82.6 | 89.1<br>89.1 | 91.1<br>91.1 | 95.1<br>95.1 | 98.0<br>98.0 |              |              | 98.9         | 99.3             | 99.5          |
| ≥ 300<br>≥ 200        |     | 50.8         | 55.3         | 62.9         | 71.3         | 75.4         |              | 69.2         | 91.1<br>91.3 | 95.1<br>95.3 | 98.0<br>98.2 | 98.3<br>98.5 |              | 99.1         | 99.4             | 99.7          |
| ≥ 100<br>≥ 0          |     | 50.8         |              | 62.9         | 71.3<br>71.3 | 75.4<br>75.4 | 82.6<br>82.6 |              | 91.3<br>91.3 | 95.3<br>95.3 | 98.2<br>98.2 |              |              | 99.1         | 99.6             | 99,8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1376

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

43311 TIKY: 1AP JAPAN/HINSHU 46=54,56=60,68,71=72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING              |          |              |              |              |              |                  | VIS          | BILITY (ST.  | ATUTE MILE   | ES           |              |              |              |              |              |               |
|----------------------|----------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                 | ≥10      | 26           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2 ₁             | ≥2           | ≥112         | ≥114         | ì≤           | ≥ 34         | ≥′,,         | ≥ ,          | ≥5 16        | ≥ .          | ≥0            |
| NO CERING<br>≥ 20000 |          | 38.0<br>38.7 | 41.9         | • 1          | 53.2         | 55.2<br>56.5     | 58,8         | 60.8         | 61.0         | 61.9<br>63.6 | 62.1         | 62.1<br>63.8 | 62.3         | 62.3         | 62.3         |               |
| ≥ 18000<br>≥ 16000   |          | 38.9         | 42.9         |              | 54.6         | 56.7<br>56.7     | 60.4         | 62.6         |              | 63.8<br>63.8 | 64.1         | 64.1         | 64.2         | 64.2         | 64.2         | 64.2          |
| ≥ 14000<br>≥ 12000   |          | 39.3         | 43.4         | 50.3<br>51.4 | 55.1<br>56.3 | 57.2<br>53.4     | 61.0         | 63.2         |              | 64.5<br>65.8 | 64.7         | 64.7         | 64.9         | 64.9<br>66.2 | 64.9         | 64.9          |
| ≥ 10000<br>≥ 9000    |          | 42.1<br>42.4 | 46.6         | 53.4<br>53.8 | 58.4<br>58.8 | 60.4             | 64.7         |              | 67.7         | 68.9         | 68.6         | 68.6<br>69.2 | 68.7         | 68.7<br>69.3 | 68.7         | 68.7          |
| ≥ 8000<br>≥ 7000     |          | 44.0         | 50.6         | 55.6<br>58.2 | 61.0         | 63.1<br>65.6     |              | 72.3         | 72.5         | .73.7        | 71.4         | 71.4         | 71.5         | 71.5<br>74.0 |              | 71.5          |
| ≥ 6000<br>≥ 5000     |          | 48.3<br>51.4 | 52.8<br>56.0 | 60.6<br>6.EC | 65.9         | 68.0<br>71.4     | 72.5<br>75.8 | 74.8<br>78.2 | 75.0<br>78.3 | 76.2<br>79.6 | 76.5<br>79.8 | 76.5<br>79.8 | 76.6         | 76.6<br>79.9 | 76.6<br>79.9 | 76.6          |
| ≥ 4500<br>≥ 4000     | ļ        | 52.8<br>54.9 | 59.8         |              | 71.1         | 73.3             |              | 80.1<br>83.1 | 80.2         | 81.5<br>84.6 | 84.9         | 81.7         | 81.8<br>85.0 | 81.8<br>85.0 | 85.0         | 85.0          |
| ≥ 3500<br>≥ 3000     |          | 57.1<br>58.3 | 62.2         | 70.7         | 76.8<br>78.4 | 79.0<br>80.6     | 85.1         | 87.5         | 87.7         | 87.5<br>89.1 | 89.3         | 87.7         | 87.8<br>89.5 | 89.5         | 89.6         | 87.9<br>89.6  |
| ≥ 2500<br>≥ 2000     |          | 59.8         | 66.3         | 75.3         | 81.5         | 82.4             | 86.9<br>88.8 | 91.4         | 91.7         | 93.2         | 93.4         | 91.1<br>93.4 | 91.4         | 91.4<br>93.7 | 91.4<br>93.7 | 91.4          |
| ≥ 1800<br>≥ 1500     |          | 62.1         | 67.5         | 75.6<br>76.8 | 83.2         | 84.5             | 90.5         | 91.9<br>93.1 | 93.4         | 93.7         | 95.2         | 93.9         | 94.1         | 94.1<br>95.4 | 94.2<br>95.5 | 94.2          |
| ≥ 1200               | <u> </u> | 63.0         | 68.6         | 77.9         | 84.5         | 86 • 1<br>87 • 0 | 91.7         | 94.4         | 93.9         |              | 96.6         | 95.7         |              | 95.9         | 96.9         | 96.0          |
| ≥ 900<br>≥ 800       |          | 63.3         | 68.9         | 78.2         | 84.9         | 87.0<br>87.4     |              | 94.4         | 94.8         | 96.5         | 97.3         | 97.3         | 97.5         | 97.5         | 97.6         | 97.0<br>97.6  |
| ≥ 700<br>≥ 600       |          | 63.6         | 69.4         | 78.6         | 85.5         | 87.7<br>88.0     | 92.5         | 95.3         | 95.6<br>95.9 | 97.4<br>97.8 | 98.1         | 97.6<br>98.2 | 97.9<br>98.5 | 98.5         | 98.5         | 98.6          |
| ≥ 500<br>≥ 400       |          | 63.8         | 69.4         | 78.9         | 85.5<br>85.5 | 88.1<br>88.1     | 92.9         | 95.9         | 96.4         | 98.3<br>98.3 | 98.7         | 98.8<br>98.8 |              | 99.0         | 99.1         | 99.2          |
| ≥ 300<br>≥ 200       |          | 63.8         | 59.4         | 78.9         |              | 88.1             |              | 96.1         | 96.5         | 98.6         | 99.0         | 99.2         |              | _            | 99.5         | 99.6          |
| ≥ 100<br>≥ 0         |          | 63.8         |              | 78.9<br>78.9 |              | 88.1<br>88.1     | 93.1         | 96.1<br>96.1 | 96.6<br>96.6 | -            | 99.0         |              | 99.4         |              |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1355

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

43311 TOKYO TAP JAPAN (+ DN SHU 46-54.56-60.68.71-72

CEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                   |      |                      |      |              | -            |                      | VIS          | BILITY (ST.  | ATUTE MILI   | ES:          |                      |                      |              |                      |              |                      |
|---------------------------|------|----------------------|------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|----------------------|----------------------|--------------|----------------------|--------------|----------------------|
| FEET                      | > 10 | ≥6                   | ≥ 5  | ≥ 4          | ≥3           | ≥2 ,                 | ≥ 2          | ≥1,5         | ≥1.          | ≥1           | ≥ ;4                 | ≥ ′,                 | ≥ ¬          | ≥ 5 16               | ≥ .          | ≥0                   |
| NO CEILING<br>≥ 20000     |      | 20.5                 | 23.9 |              |              | 36.7                 | 41.3         | 46.3         | 48.1         | 52.0<br>54.7 | 57.2<br>60.1         | 57.7<br>60.8         | 59.6<br>62.8 | 59.9<br>63.1         | 60.0         |                      |
| ≥ 18000<br>≥ 16000        |      | 21.5                 | 25.2 | 30.0         | 36.4         | 38.7                 | 43.2         | 48.5         | 50.5<br>50.6 | 55.1<br>55.1 | 60.5                 | 61.2                 | 63.2         | 63.6                 | 63.8         | 63.8                 |
| ≥ 14000<br>≥ 12000        |      | 21.7                 | 25.3 | 30.2         | 36.7<br>37.4 | 39.0                 | 43.6         | 49.0         | 51.0<br>52.0 | 55.7<br>56.9 | 61.1                 | 61.9                 | 63.9         | 64.3<br>65.6         | 64.5         | 64.5                 |
| ≥ 10000<br>≥ 9000         |      | 22.9                 | 26.8 | 32.0         | 38.6<br>38.9 | 41.0<br>41.3         | 46.4         | 51.7<br>52.1 | 53.9<br>54.4 | 58.9<br>59.5 | 64.5<br>65.2         | 65.2<br>65.9         | 67.4         | 67.7                 | 68.7         | 68.2<br>68.9         |
| ≥ 8000<br>≥ 7000          |      | 23.7                 | 27.5 | 33.1         | 39.8<br>40.9 | 42.3                 | 47.6<br>48.7 | 53.6<br>54.8 | 57.1         | 61.4         | 67.2<br>68.6         | 67.3                 | 70.1         | 70.5<br>71.8         | 70.8<br>72.1 | 70.9                 |
| ≥ 6000<br>≥ 5000          |      | 25.5                 | 32.4 | 35.5<br>38.4 | 42.7         | 45.2<br>48.5         | 50.8<br>54.4 | 57.1<br>60.9 | 59.4<br>63.3 | 65.0<br>69.1 | 75.5                 | 71.3<br>76.3         | 74.0<br>78.6 | 74.4                 | 74.7         | 74.9                 |
| ≥ 4500<br>≥ 4000          |      | 29.4<br>30.9         | 35.7 | 40.5         | 48.1<br>50.9 | 50.7<br>53.6         | 56.5<br>59.5 | 63.3         | 65.7         | 71.5<br>75.1 | 78.0<br>51.7         | 78.8<br>82.4         | 81.1<br>84.8 | 81.5<br>85.1         | 81.9<br>85.6 | 85.8                 |
| ≥ 3500<br>≥ 3000          |      | 32.3                 | 38.1 | 44.4         | 52.7<br>54.1 | 55.5<br>57.1         | 63.3         | 70.7         | 71.1<br>73.1 | 77.2         | 83.8<br>86.1         | 86.8                 | 89.2         | 87.3<br>89.5         | 87.7<br>20.0 | 90.2                 |
| ≥ 2500<br>≥ 2000          |      | 33.7                 | 39.1 | 46.9         | 55.4<br>57.0 | 58.5<br>60.1         | 64.8         | 72.3         | 74.8<br>76.6 | 81.4         | 88.0<br>90.0         | 90.5                 | 91.2<br>93.1 | 91.5                 | 91.9         |                      |
| ≥ 1800<br>≥ 1500          |      | 34.9                 | 40.8 | 48.3         | 57.3<br>57.9 | 61.2                 | 67.6         | 74.4         | 76.9<br>78.0 | 83.7         | 90.4                 | 91.2                 | 93.5         | 94.9                 | 95.3         | 95.7                 |
| ≥ 1200<br>≥ 1000<br>≥ 900 |      | 35.2<br>35.4         | 41.2 | 49.2         | 58.4<br>58.5 | 61.7                 | 68.1         | 76.0<br>76.5 | 78.7<br>79.2 | 85.6         | 92.9                 | 93.1                 |              | 96.3                 | 96.7         | 96.5<br>97.1<br>97.3 |
| ≥ 900<br>≥ 800<br>≥ 700   |      | 35.5<br>35.5<br>35.6 | 41.3 | 49.5         | 58.7<br>58.7 | 62.0                 | 68.4<br>68.4 | 76.8         | 79.5         | 86.5         | 93.4                 | 94.0                 | 96.5         | 96.7<br>97.0<br>97.5 |              | 97.7                 |
| ≥ 500                     |      | 35.6<br>35.6         | 41.5 | 49.7         | 59.1         | 62.4<br>62.5<br>62.8 | 68.9         | 77.4<br>77.8 | 80.0<br>80.1 | 87.2<br>87.3 | 94.0<br>94.2<br>94.8 | 94.8<br>95.0<br>95.6 | 97.1<br>97.3 | 97.7                 | 98.2<br>98.9 | 98.5                 |
| ≥ 400                     |      | 35.6<br>35.6         | 41.5 | 49.9         | 59.4         | 62.8                 | 69.4         | 77.9         | 80.8         | 88.1<br>88.2 | 95.0                 |                      |              | 98.5<br>98.7         | 99.0<br>99.2 | 99.4                 |
| ≥ 200                     | •    | 35.6<br>35.6         | 41.5 | 49.9         | 59.4         | 62.8                 | 69.4         | 78.0         | 80.8         |              | 95.1                 | 95.9                 | 98.3<br>98.3 | 98.7<br>98.7         | 99.2         | 99.6                 |
| ≥ 0                       |      | 35.6                 |      | 49.9         | • .          | 52.8                 | 69.4         |              |              |              |                      | 95.9                 |              | 98.7                 |              |                      |

TOTAL NUMBER OF OBSERVATIONS

1413

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR FEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

ij

43311 TUKYE 1AP JAPAN/HUNSHU 46-54,36-60,68,71-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING               |     |              |              |              |              |              | VIŞ           | IBILITY ISTA | ATUTE MILI   | ES           |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2 2         | ≥ 2           | ≥1./         | 21.          | ≥1           | ≥ '₄         | ≥ ,          | ≥ ,          | ≥5 16        | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 21.C<br>21.6 | 23.9         | 27.8<br>28.8 | 32.5<br>33.7 | 35.1<br>36.4 | 39.1<br>40.8  | 43.7<br>46.1 | 46.1<br>48.5 | 50.4<br>53.4 | 53.7<br>57.3 | 54.4<br>58.2 | 56.6         | 56.8<br>60.9 | 57.3<br>61.8 | 57.5<br>62.2  |
| ≥ 18000<br>≥ 16000    |     | 21.8         | 24.8         | 29.1         | 33.9         | 36.6<br>36.7 | 41.0          | 46.4         | 48.8         | 53.6<br>54.0 | 57.8<br>58.1 | 58.6<br>59.0 | 61.4         | 61.4<br>61.7 | 62.2         | 62.5          |
| ≥ 14000<br>≥ 12000    |     | 21.8         | 24.9         | 29.1<br>29.3 | 34.1<br>34.3 | 36.9<br>37.1 | 41.5          | 46.9<br>47.6 | 49.5<br>50.5 | 54.6<br>55.8 | 58.9<br>60.5 | 59.7<br>61.7 | 62.3<br>64.5 | 62.6<br>64.8 | 63.4         | 66.0          |
| ≥ 10000<br>≥ 9000     |     | 22.3         | 25.7<br>25.9 | 30.5         | 35.6<br>35.9 | 38.6<br>39.0 | 43.6          | 49.6<br>50.0 | 52.6<br>53.0 | 58.2<br>58.6 | 63.1<br>63.6 | 64.3         | 67.1         | 67.7<br>68.3 | 68.5<br>69.2 | 68.9          |
| ≥ 8000                |     | 22.8         | 27.0         | 31.5<br>32.1 | 36.7<br>37.4 | 40.0<br>40.8 | 45.2<br>46.1  | 51.4<br>52.3 | 54.6<br>55.6 | 60.7         | 66.1<br>67.6 | 67.5         | 70.4         | 70.9<br>72.5 | 71.8         | 72.1          |
| ≥ 6000<br>≥ 5000      |     | 23.9         | 29.1         | 34.7         | 38.6<br>41.1 | 42.1         | 47.7<br>30.6  | 54.4<br>57.8 | 57.6<br>61.2 | 64.4         | 70.1<br>74.2 | 71.5         | 74.5         | 75.1<br>79.4 | 76.0<br>80.4 | 80.8          |
| ≥ 4500<br>≥ 4000      |     | 26.1<br>26.9 |              | 35.7<br>36.7 | 42.2<br>43.7 | 45.9<br>47.6 | 51.9<br>53.7  | 59.4<br>61.7 | 62.9         | 70.0         | 76.0<br>78.7 | 77.4<br>80.2 | 80.5         | 84.0         | 82.2         | 82.6<br>85.5  |
| ≥ 3500<br>≥ 3000      |     | 27.3         | 31.3         | 37.4<br>38.1 | 44.4         | 48.3         | 54.8<br>-56.1 | 62.9         | 66.4         | 74.1<br>75.9 | 80.4         | 81.9         | 85.0<br>87.2 | 87.9         | 86.7<br>88.9 |               |
| ≥ 2500<br>≥ 2000      |     | 27.7         | 32.0         |              | 45.4<br>46.1 | 49.5<br>50.2 | 56.4<br>57.6  |              | 68.9<br>70.4 | 77.0<br>78.8 | 83.6<br>85.5 | 85.0<br>87.0 | 88.4<br>90.4 | 89.1<br>91.1 | 93.1         |               |
| ≥ 1800<br>≥ 1500      |     | 27.8         | 32.5         | 39.3         | 46.2         | 50.3<br>51.2 | 57.8<br>58.8  | 66.7<br>67.8 | 70.6         | 80.4         | 85.8<br>87.2 | 87.2<br>59.7 | 90.6         | 92.8         | 92.4         | 92.8          |
| ≥ 1200<br>≥ 1000      |     | 27.9         | 32.7         | 39.4         | 47.3         | 51.5<br>51.9 | 59.2<br>59.7  | 68.2         | 72.3         | 81.1<br>82.1 | 88.0<br>89.2 | 89.4<br>90.6 | 94.0         | 94.7         | 94.7         |               |
| ≥ 900<br>≥ 800        |     | 28.0         | 32.7         | 39.6         | 48.0         | 51.9<br>52.4 | 59.7          | 69.9         | 74.0         | 83.3         | 89.2<br>90.5 | 90.6         | 95,4         | 94.8         | 96.0<br>77.2 | 97.7          |
| ≥ 700<br>≥ 600        |     | 28.0         | 32.7         | 39.7<br>39.7 | 48.1<br>48.1 | 52.4<br>52.5 | 60.5          | 70.3         | 74.4         | 83.6<br>83.8 | 91.1         | 92.5         | 95.9<br>96.1 | 96.8         |              | 98.4          |
| ≥ 500<br>≥ 400        |     | 28.0         | 32.7         | 39.7         | 48.3         | 52.7<br>52.7 | 61.0          | 71.0         | 75.2<br>75.3 | 84.7         | 91.9<br>92.0 | 93.4         | 97.1         | 97.8         |              | 99.4          |
| ≥ 300<br>≥ 200        |     | 28.0         | 32.7         | 39.7         | 48.3         | 52.7<br>52.7 | 61.0          | 71.0         | 75.3         | 84.7         | 92.1<br>92.1 | 93.5<br>93.6 | 97.3         | 98.0         | 99.3         | 99.6          |
| ≥ 100                 |     | 28.0         |              | 39.7         | 48.3         | 52.7<br>52.7 | 61.0          | امتتا        | 75.3<br>75.3 | 84.7<br>84.7 | 92.1<br>92.1 | 93.6         | 97.3         |              |              | 99.8<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1411

USAF ETAC 134 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

43311 10KYO 1AP JAPAN/HONSHU 46-54-56-60-68-71-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                    |     |                      |              |              |                      |                      | VIS                  | IBILITY (STA         | ATUTE MILI           | ES <sub>1</sub> |              |                      |                      |                      |                      |                      |
|----------------------------|-----|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| FEET                       | ≥10 | ≥6                   | ≥5           | ≥ 4          | ≥ 3                  | ≥2;                  | ≥ 2                  | ≥1'.                 | ≥1'4                 | ≥1              | ≥ 14         | ≥ ′ 8                | ≥.                   | ≥5 16                | ۸.                   | ≥0                   |
| NO CEILING<br>≥ 20000      |     | 39.9<br>43.2         | 43.2         | 46.3<br>51.2 | 49.5<br>54.9         | 51 • 2<br>56 • 6     | 52.7<br>58.5         | 55.0<br>61.0         | 55.8<br>61.9         | 56.7<br>62.8    | 56.9<br>63.1 | 56.9                 | 56.9                 | 56.9<br>63.1         | 56.9<br>63.1         | 56.9<br>63.2         |
| ≥ 18000<br>≥ 16000         |     | 43.6                 | 47.9<br>48.0 | 51.6<br>51.9 | 55.3<br>55.7         | 57.0<br>57.4         | 59.0<br>59.4         | 61.5                 | 62.8                 | 63.8            | 63.7         | 63.7                 | 63.7                 | 64.2                 | 63.7                 | 63.8                 |
| ≥ 14000<br>≥ 12000         |     | 44.3                 | 48.8<br>50.2 | 52.6<br>54.2 | 56.4<br>58.1         | 58.2<br>60.1         | 60.4                 | 63.1<br>65.4         | 64.0                 | 65.0<br>67.5    | 68.2         | 65.4<br>68.3         | 65.4<br>68.4         | 65.4<br>68.4         | 65.4                 |                      |
| ≥ 10000                    |     | 47.0                 |              | 55.7<br>56.3 | 59.7<br>60.5         | 62.6                 | 65.9                 | 68.0<br>69.1         | 69.1<br>70.2         | 70.7            | 71.5<br>72.8 | 71.7<br>73.0         | 71.7                 |                      | 71.7                 | 71.9<br>73.2         |
| ≥ 8000<br>≥ 7000           |     | 47.5                 | 52.2         | 56.6<br>58.2 | 61.1                 | 63.3<br>05.0         | 67.0<br>68.6         | 70.4                 | 71.6                 | 73.5<br>75.7    | 74.3<br>76.6 | 74.4                 | 74.6<br>76.9         | 74.6<br>76.9         | 74.6                 | 74.9                 |
| ≥ 6000<br>≥ 5000           |     | 49.5<br>51.8         | 54.7<br>57.2 | 59.8<br>62.6 | 64.2                 | 66.9                 | 70.9                 |                      | 75.9<br>79.3         | 77.9            | 78.8<br>82.2 | 78.9<br>82.3         | 79.1<br>82.5         | 79.1<br>82.5         | 79.1<br>82.6         | 79.4<br>82.8         |
| ≥ 4500<br>≥ 4000           |     | 52.4                 | 57.8         |              | 67.7<br>69.3         | 70.6                 | 74.8<br>76.8         | 78.6<br>80.6         | 80.1                 | 82.3<br>84.5    | 85.5         | 83:3<br>85:7         | 83.7                 | 83.7<br>86.0         | 83.8                 | 84.1<br>86.5         |
| ≥ 3500                     |     | 54.1                 | 59.7         | 65.3         | 70.0                 | 73.5                 | 77.8<br>79.2         | 82.0                 | 83.6<br>85.2         | 85.9<br>87.5    | 87.1         | 87.3<br>89.5         | 87.6<br>89.8         | 87.6<br>89.8         | 87.8<br>90.0         |                      |
| ≥ 2500<br>≥ 2000<br>≥ 1800 |     | 55.2                 | 60.6         | 67.2         | 71.7                 | 75.4                 | 80.2                 | 86.0                 | 86.3<br>87.5         | 88.8<br>90.1    | 92.0         | 90.8                 | 91.2                 | 91.2                 | 91.3<br>92.9<br>93.2 | 91.7<br>93.2<br>93.7 |
| ≥ 1500                     |     | 55.2<br>55.2<br>55.3 | 61.2         | 67.2         | 72.5                 |                      |                      | 86.3<br>87.2<br>87.7 | 87.9<br>88.8<br>89.3 | 91.7            | 93.7         | 92.5<br>93.8<br>94.5 | 93.0<br>94.2<br>94.9 | 93.0<br>94.2<br>94.9 | 94.6                 | 95.0<br>95.7         |
| ≥ 900                      |     | 55.5<br>55.5         | 61.5         | 67.8<br>67.8 | 73.0<br>73.5<br>73.5 | 77.1<br>77.7<br>77.7 | 82.7<br>83.4<br>83.5 | 88.7                 | 90.4                 | 93.5            | 95.6         |                      | 96.2                 | 96.2                 | 96.7                 | 96.9                 |
| ≥ 800                      |     | 55.6<br>55.6         | 61.6         | 68.0         | 73.7                 | 77.9                 | 83.8                 | 89.3                 | 91.0                 | 94.1            | 96.2         |                      | 96.8                 | 96.8                 |                      | 97.6                 |
| ≥ 500                      |     | 55.6<br>55.7         | 61.6         | 68.0         | 73.7                 | 78.1<br>78.4         | 84.2                 | 90.0                 |                      | 95.3            | 97.6         | 97.7                 | 78.2                 | 98.2                 | 98.6<br>99.0         | 99.1                 |
| ≥ 400                      |     | 55.7<br>55.7         | 61.6         | 68.0         | 73.9                 | 78.4<br>78.4         | 84.4                 | 92.5                 | 92.6                 | 95.9            | 98.1         | 98.4<br>98.4         | 98.9                 | 98.9                 | 99.2                 | 99.7                 |
| ≥ 200                      |     | 55.7                 | 61.6         | 68.0         | 73.9                 | 78.4                 |                      | 90.5                 | 92.0                 | 95.9            | 98.2         | 98.4                 | 99.1                 | 99.1                 | 99.5                 | 100.0                |
| ≥ 100                      |     | 55.7                 | 61.6         |              |                      | 78.4<br>78.4         |                      |                      | 92.6<br>92.6         | 95.9            |              | 98.4<br>98.4         |                      | 99.1                 | 99.5                 |                      |

TOTAL NUMBER OF OBSERVATIONS

1405

USAF ETAC 1784 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

43311 TUKYE IAP JAPAN/FUNSHU 46-54,56-60,68,71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING               |     |              |              |              |              |              | VIS          | IBILITY STA  | ATUTE MILI   | E\$          |              |              |              |              |              |               |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| FEET                  | ≥10 | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2'2         | ≥ 2          | ≥1'.         | ≥1 4         | ≥1           | ≥ ;4         | ≥',∗         | ≥ ;          | ≥5 16        | ≥ .          | ≥0            |
| NO CEILING<br>≥ 20000 |     | 43.7         |              | 50.1<br>55.1 | 52.4<br>57.3 | 52.9<br>58.0 | 54.2<br>59.6 | 54.9<br>60.5 | 55.3<br>60.9 | 55.7         | 55.8         | 55.8<br>61.4 | 56.0<br>61.5 | 56.0         |              | 56.1<br>61.6  |
| ≥ 18000<br>≥ 16000    |     | 47.5         |              | 55.7<br>56.1 | 58.2<br>58.5 | 58.9         | 60.6         | 61.5         | 61.9         | 62.4         | 62.5         | 62.5         | 62.7         | 62.7         | 62.7         | 62.7          |
| ≥ 14000<br>≥ 12000    |     | 48.6         | 53.7         | 56.9<br>58.0 | 59.4         | 60.3         | 62.0         | 62.9         | 63.3         | 63.9         | 64.0         | 64.0         | 64.2         | 64.2         | 64.2         | 64.2          |
| ≥ 10000<br>≥ 9000     |     | 50.6         | 56.0         | 59.5<br>60.5 | 62.2         | 63.2         | 65.5         | 66.9         | 67.4         | 68.2         | 68.4         | 68.4         | 68.6         | 68.6         | 68.6         | 68.7          |
| ≥ 8000<br>≥ 7000      |     | 52.6<br>54.3 | 58.2<br>60.0 | 62.0         | 65.0         | 66.2         | 68.7         | 70.2         | 70.9         | 71.7         | 72.0<br>74.4 | 72.0         | 72.4         | 72.4         | 72.4         | 72.4          |
| ≥ 6000<br>≥ 5000      |     | 56.1<br>59.0 | 62.0         | 66.2         | 69.7<br>73.5 | 70.9         | 73.7         | 75.1<br>79.0 | 75.9         | 77.1<br>81.0 | 77.4<br>81.4 | 77.4<br>81.4 | 77.8         | 77.8<br>81.8 | 77.8<br>81.8 | 78.0<br>82.0  |
| ≥ 4500<br>≥ 4000      |     | 59.7         | 67.8         | 70.6         | 74.5         | 75.9<br>78.8 | 78.7<br>81.7 | 80.1<br>83.3 | 80.9         | 82.2         | 82.7         | 82.8<br>86.5 | 83.2         | 83.2         | 83.2         | 83.3<br>87.1  |
| ≥ 3500<br>≥ 3000      |     | 62.5         | 68.7         | 73.9         | 78.2<br>79.9 | 79.8<br>81.6 | 82.7         | 84.3<br>86.5 | 85.1         | 86.5<br>88.7 | 87.4<br>89.6 | 87.5<br>89.7 | 88.0<br>90.3 | 88.0<br>90.3 | 88.0<br>90.3 | 88.2<br>90.5  |
| ≥ 2500<br>≥ 2000      |     | 64.0         | 70.7         | 76.2<br>77.4 | 80.8<br>82.1 | 82.6<br>83.9 | 85.8<br>87.3 | 87.7<br>89.3 | 88.8<br>90.4 | 90.7         | 91.9         | 92.0         | 92.7         | 92.7         | 92.7         | 92.9          |
| ≥ 1800<br>≥ 1500      |     | 64.3         | 71.4         | 77.6         | 82.3<br>82.5 | 84.1         | 57.6<br>88.1 | 89.6<br>90.5 | 90.7         | 92.7         | 93.9         | 94.1<br>95.1 | 94.8<br>95.8 | 94.8         | 94.8<br>95.8 | 1 7 7 7       |
| ≥ 1200                | ļ   | 54.3         | 71.7         | 77.8         | 82.8<br>82.9 | 84.8<br>85.0 | 88.4         | 91.2<br>91.8 | 92.3         | 94.5         | 95.8<br>96.4 | 95.9<br>96.6 | 96.7         | 96.7         | 96.7<br>97.3 | 96.9<br>97.5  |
| ≥ 900<br>≥ 800        |     | 64.3         | 71.7         | 77.8         | 82.9<br>83.0 | 85.0<br>85.2 | 88.7<br>89.0 | 91.8<br>92.2 | 92.9         | 95.2<br>95.5 | 96.4         | 96.6         | 97.9         | 97.3         | 97.3         | 97.5          |
| ≥ 700<br>≥ ~~         |     | 64.5         | 71.8         | 78.0<br>78.1 | 83.0<br>83.2 | 85.3<br>85.5 | 89.1<br>89.4 | 92.9         | 93.7         | 95.9<br>96.5 | 97.3         | 97.4<br>98.2 | 98.3         | 98.3         | 98.4<br>99.1 | 98.6          |
| ≥ 500<br>≥ 400        |     | 64.5         | 71.9         | 78.1<br>78.1 | 83.2         | 85.5<br>85.5 | 89.5<br>89.5 | 93.0         | 94.2         | 96.6<br>96.8 | 98.1<br>98.4 | 98.3<br>98.5 | 99.1         | 99.1         | 99.2         | 99.4          |
| ≥ 300 ≥ 700           |     | 64.5         | 71.9         | 78.1<br>78.1 | 83.2<br>83.2 | 85.5<br>85.5 | 89.5<br>89.5 | 93.2         | 94.4         | 96.9         | 98.4<br>98.5 | 98.6<br>98.6 | 99.4         | 99.4         | 99.5         | 99.8          |
| ≥ 100<br>≥ 0          |     | 64.5         | 71.9         | 78.1<br>78.1 | 83.2         | 85.5<br>85.5 | 89.5<br>89.5 | 93.2<br>93.2 | 94.4         | 96.9         | 98.5<br>98.5 | 98.6<br>98.6 | 99.5         | 99.5         | 99.6         | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS

1404

USAF ETAC 101 64 0-14-5 OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH 'ISAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

43311 TUKYO 1AP JAPANAHONSHU 46-54,56-60,68,71-72

DEC

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000

| CEILING               |     |              |              |              |              |              | VIS          | BILITY ST.   | ATUTE MILI   | ES:          |              |              |              |              |                       |            |
|-----------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|------------|
| FEET                  | ≥10 | ≥6           | ≥5           | ≥4           | ≥3           | ≥2'2         | ≥ 2          | ≥1'.         | ≥11,         | ≥1           | ≥ 14         | ≥ '*         | ≥ ,          | ≥ 5 16       | ≥ .                   | ≥0         |
| NO CEILING<br>≥ 20000 |     | 32.6         | 35.4         | 39.4         | 42.5         | 43.3         | 46.4         | 48.3         | 49.9         | 52.5         | 55.5<br>58.5 | 55.6<br>58.7 | 56.9<br>59.9 | 57.4         | 57.8                  | 58.0       |
| ≥ 18000<br>≥ 16000    |     | 34.4         | 37.7         | 41.9         | 45.1         | 46.4<br>46.5 | 49.3         | 51.3         | 52.9         | 55.7         | 59.0         | 59.1         | 60.4         | 60.9         | 61.3                  | 61.5       |
| ≥ 14000<br>≥ 12000    |     | 35.2         | 38.5         | 42.7         | 46.1         | 47.4         | 50.4         | 52.4         | 54.1<br>55.6 | 57.0<br>58.6 | 60.3         | 60.4         | 61.7         | 62.2         | 62.6                  | 62.8       |
| ≥ 10000<br>≥ 9000     |     | 37.3         | 40.8         | 45.2<br>45.8 | 48.8         | 50.2<br>50.8 | 53.5         | 55.6<br>56.3 | 57.4<br>58.1 | 60.5         | 64.8         | 64.2         | 65.5         | 66.8         | 66.5                  | 66.        |
| ≥ 8000<br>≥ 7000      |     | 36.5         | 42,5         | 47.4         | 51.0         | 52.5<br>54.3 | 56.1<br>57.8 | 58.3         | 60.1         | 63.2         | 66.8         | 67.0<br>69.0 | 68.5         | 69.0         | 69.4                  | 69.        |
| ≥ 6000<br>≥ 5000      |     | 43.0         | 47.4         | 52.8<br>56.6 | -            | 58.7         | 62.3         | 64.9         | 66.9         | 70.2         | 74.0<br>78.8 | 74.1<br>78.9 | 75.6<br>80.4 | 76.1<br>80.9 | 76.6                  | 76.<br>81. |
| ≥ 4500<br>≥ 4000      |     | 47.2         | 52.0         | 57.9<br>60.1 | 62.5         | 64.4         | 68.1         | 71.0         | 73.2         | 76.9<br>79.6 | 80.8<br>83.7 | 80.9         | 82.4<br>85.3 | 82.9         | 83.3                  | 83.        |
| ≥ 3500<br>≥ 3000      |     | 50.0         |              | 61.3         | 65.9         | 68.0         | 72.0         | 75.1         | 77.5         | 81.3         | 85.4         | 85.6<br>87.9 | 87.0<br>89.4 | 87.5         | 88.0                  | 88.        |
| ≥ 2500<br>≥ 2000      |     | 51.7<br>52.7 | 57.7<br>58.9 | 64.0         |              | 71.3         | 75.6         | 79.4         | 81.9         | 85.7         | 89.9         | 90.1         | 91.5         |              |                       | 92.<br>94. |
| ≥ 1800<br>≥ 1500      |     | 52.7<br>52.8 | 58.9<br>59.1 | 65.3         | 70.6         | 73.1         | 77.5         | 81.4         | 83.9         | 88.0<br>88.7 | 92.3         | 92.4         | 94.0         |              | 95.0<br>95.8          | 95.        |
| ≥ 1200<br>≥ 1000      |     | 53.0         | 59.3         | 65.9         | 71.3         | 73.8         | 78.6         | 82.6         | 85.2         | 89.5         | 94.0         | 94.1         | 95.7<br>96.5 | 96.2         | 96.7<br>97.5          | 96.        |
| ≥ 900<br>≥ 800        |     | 53.4         | 59.8<br>59.8 | 66.4         | 71.9<br>71.9 | 74.5         | 73.4         | 83.6         | 86.1<br>86.4 | 90.5         | 94.9         | 95.1<br>95.3 | 96.7         | 97.2         | 97.6<br>97.9          | 97.<br>96. |
| ≥ 700<br>≥ 600        |     | 53.5<br>53.5 | 59.9<br>59.9 | 66.5<br>66.5 | 72.1         | 74.7         | 79.7         | 84.0         | 86.8<br>87.0 | 91.2<br>91.5 | 95.7<br>95.9 | 95.8<br>96.0 | 97.4         | 98.0<br>98.3 | 98.5<br>98.7          | 98.<br>98. |
| ≥ 500<br>≥ 400        |     | 53.5         | 60.0         | 1 - V ::     | 72.2         | 74.9<br>74.9 | 80.1<br>80.2 | 84.5<br>84.7 | 87.3<br>87.5 | 91.9<br>92.2 | 96.4<br>96.7 | 96.5<br>96.9 | 98.2<br>98.6 | 98.8<br>99.2 | 99.3<br>9 <b>9.</b> 6 | 99.<br>99. |
| ≥ 300<br>≥ 200        |     | 53.5         | 60.0         | 66.6         | 72.2         | 74.9<br>74.9 |              | 84.7         | 87.5<br>87.5 | 92.2<br>92.2 | 96.7         | 96.9<br>96.9 | 98.7<br>98.7 | 99.3<br>99.3 | 99.7<br>99.8          | 99.<br>99. |
| ≥ 100<br>≥ 0          |     | 53.5         |              |              |              | 74.9         | 80.2<br>80.2 | 84.7<br>84.7 | 87.5<br>87.5 | 92.2         |              | 96.9<br>96.9 | 98.7<br>98.7 | 99.3         | 99.9                  |            |

TOTAL NUMBER OF OBSERVATIONS

1357

USAF ETAC # 18M O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

43311 TUKYI: 1AP JAPAN/HINSHU 46-54-56-60-68-71-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |         |              |              | ***          |              |              | VIS          | BILITY IST   | ATUTE MIL    | ES           |              |              |              |              |              |              |
|-----------------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10     | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2¹2         | ≥ 2          | ≥1 -         | ≥1'.         | ≥1           | ≥ 14         | ≥,•          | ≥ ,          | ≥ 5 16       | ≥ .          | ≥0           |
| NO CEILING<br>≥ 20000 |         | 28.0<br>28.3 | 30.2<br>30.5 | 33.1<br>33.5 | 37.0<br>37.5 | 38.3<br>38.8 | 41.2<br>41.9 | 45.4<br>46.3 | 48.5         | 54.9<br>56.3 | 59.1<br>60.7 | 59.7<br>61.5 | 61.5         | 64.2         | 62.3         | 62.5         |
| ≥ 18000<br>≥ 16000    |         | 28.3<br>28.3 | 30.5         | 33.7         | 37.6<br>37.6 | 38.9         | 42.0<br>42.0 | 46.4         | 49.6         | 56.4<br>56.5 | 60.9         | 61.7         | 63.7         | 64.4         | 64.5         | 64.7         |
| ≥ 14000<br>≥ 12000    |         | 28.7         | 30.8         | 34.1         | 38.1         | 39.5<br>40.5 | 42.7         | 47.1<br>48.5 | 50.4<br>51.9 | 57.3<br>58.8 | 61.8         | 62.6         | 64.7         | 65.3<br>68.0 | 65.5<br>68.1 | 65.7<br>68.4 |
| ≥ 10000<br>≥ 9000     | <u></u> | 30.3         | 32.6         | 36.1<br>36.7 | 40.5         | 42.5         | 45.6         | 50.3<br>50.8 | 53.7<br>54.3 | 60.7         | 66.3         | 67.3<br>68.1 | 69.4         | 70.0<br>70.9 | 70.2         | 70.5<br>71.3 |
| ≥ 8000<br>≥ 7000      |         | 32.1<br>32.6 | 34.3<br>35.1 | 38.0<br>39.0 | 42.4         | 43.9         | 47.6<br>48.6 | 52,4<br>53,3 | 56.1<br>57.0 | 63.1         | 69.1<br>70.2 | 70.0         | 72.1         | 72.8         | 72.9         | 73.2         |
| ≥ 6000<br>≥ 5000      |         | 34.2         | 36.7         | 40.9         | 45.2<br>48.5 | 46.3<br>50.3 | 50.5<br>54.1 | 55.3<br>59.2 | 59.1<br>63.1 | 66.5<br>70.6 | 72.5         | 73.6<br>78.1 | 75.7<br>80.2 | 76.4<br>80.9 | 76.5         | 76.8         |
| ≥ 4500<br>≥ 4000      |         | 37.9<br>39.0 | 40.7         | 45.1<br>46.7 | 49.8<br>51.6 | 51.7<br>53.6 | 55.6<br>57.6 | 61.0         | 64.9         | 72.7<br>74.8 | 79.1<br>81.7 | 80.3         | 82.4<br>85.0 | 83.1         | 83.2         | 83.5         |
| ≥ 3500<br>≥ 3000      |         | 39.9<br>40.6 | 42.7         | 47.6<br>48.7 | 52.9<br>54.1 | 55.1<br>56.4 | 59.2         | 64.7         | 68.7<br>70.1 | 76.5         | 83.3         | 84.5         | 86.8<br>88.3 | 87.4<br>85.9 | 87.6         | 87.9<br>89.4 |
| ≥ 2500<br>≥ 2000      |         | 42.0<br>43.0 | 44.9         | 50.4<br>51.9 | 56.0<br>57.6 | 58.3<br>59.9 | 62.6         | 68,2<br>70.0 | 72.3         | 80.6<br>82.6 | 87.5<br>89.6 | 88.7<br>90.8 | 91.1         | 91.7<br>93.8 | 91.9         | 92.1         |
| ≥ 1800<br>≥ 1500      |         | 43.1         | 46.1         | 51.9<br>52.1 | 57.7<br>57.8 | 60.0<br>60.3 | 64.4         | 70.1<br>70.5 | 74.3<br>74.8 | 82.8         | 89.8<br>90.3 | 91.0<br>91.5 | 93.4         | 94.5         | 94.2         | 94.5         |
| ≥ 1200<br>≥ 1000      |         | 43.6         | 46.9         | 52.9<br>53.2 | 58.6<br>59.0 | 61.2         | 65.7         | 71.5<br>72.6 | 75.8<br>76.9 | 84.3<br>85.4 | 91.6         | 92.8         | 95.2<br>96.3 | 95.9<br>96.9 | 96.0<br>97.1 | 96.3         |
| ≥ 900<br>≥ 800        |         | 43.9         | 47.3         | 53.3<br>53.3 | 59.1<br>59.1 | 62.0         | 66.7         | 72.7<br>72.7 | 76.9<br>77.1 | 85.5<br>85.6 | 92.7         | 94.0         | 96.4<br>96.7 | 97.0<br>97.3 | 97.2<br>97.5 | 97.5         |
| ≥ 700<br>≥ 600        |         | 43.9         | 47.5         | 53.3         | 59.3<br>59.7 | 62.3         |              |              | 77.5<br>78.0 | 86.0<br>86.5 | 93.2         | 94.5         | 97.0<br>97.5 | 97.7<br>98.2 | 97.8<br>98.3 | 98.1<br>98.5 |
| ≥ 500<br>≥ 400        |         | 44.0         | 47.6         | 53.7<br>53.7 | 60.0         | 63.1         | 67.9<br>67.9 |              | 78.5<br>78.6 | 87.0<br>87.1 | 94.5         | 95.6<br>95.7 | 98.1         | 98.8         |              | 99.3         |
| ≥ 300<br>≥ 200        |         | 44.0         |              |              | 60.1         | 63.2         | 68.1<br>68.1 | 74.5         | 78.8<br>78.8 | 87.3<br>87.3 | 94.6         | 95.9         | 98.4<br>98.5 | 99.1<br>99.2 |              |              |
| ≥ 100<br>≥ 0          |         | 44.0         | 47.7         | 53.8         | 60.2         | 63.3         |              | 74.5         | 78.8<br>78.8 | 87.3<br>87.3 | 94.7         | 95.9         |              | 99.3         |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

1375

USAF ETAC 17.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

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#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud a Last) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OKTAS          | PENTHS |
|----------------|--------|
| 0              | 0      |
| 1              | 1      |
| 2              | 3      |
| 3<br>4         | 4      |
| 4              | 5      |
| 5              | 5<br>6 |
| 5<br>6         | 8      |
| 7              | 9      |
| 8 (r obscured) | 10     |

SKY COVER

4331.

TOKYU JAP JAPAN/HONSHU

46-60,67-69

LLL

STATIO'.

STATION NAME

PERIOD

HINOM

## PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

| MONTH | HOURS    |      |     | PE  | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R   |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|----------|-----------|-----------|----------|----------|-----|-----|------|-------------------|----------------|
| MONIN | (L S T ) | 0    | 1   | 2   | 3        | 4         | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER         | 085            |
| JAN   | ALL      | 32.2 | 6.8 | 5.6 | 4.6      | 4.5       | 2.5       | 2.4      | 3.2      | 5,3 | 4.3 | 28.7 | 4.7               | 11430          |
| FEB   | •        | 23,3 | 6.1 | 5,3 | 4.5      | 5.0       | 3.0       | 2.6      | 3,6      | 5.1 | 5.1 | 36.5 | 5.6               | 10511          |
| MAR   | 1        | 18,5 | 4.6 | 4.0 | 3.6      | 4,6       | 2,4       | 2.4      | 3.2      | 6.5 | 5.1 | 45.2 | 6.4               | 11585          |
| APR   |          | 15.5 | 3.8 | 3,9 | 3.8      | 3.6       | 2.5       | 2.3      | 3,8      | 6,3 | 5.6 | 48.9 | 6.8               | 10645          |
| MAY   |          | 9.5  | 3.7 | 3.4 | 3.2      | 3.8       | 2.9       | 3.1      | 4.1      | 8.5 | 6.1 | 51.7 | 7.4               | 11053          |
| NUL   |          | 3.5  | 1.8 | 2.1 | 2.2      | 2.8       | 1.7       | 1.9      | 2,6      | 6.0 | 6.3 | 69.0 | 8.6               | 10336          |
| JUL   | ,        | 5.4  | 3.0 | 3.5 | 3.1      | 4.5       | 2.9       | 2.6      | 4.7      | 8.7 | 9.2 | 52.5 | 7.8               | 11000          |
| AUG   | ı        | 8.7  | 3.9 | 4.5 | 4.7      | 5.6       | 3.6       | 4.1      | 5.5      | 9,3 | 8.5 | 41.6 | 7.0               | 11329          |
| SEP   |          | 7.2  | 4.2 | 3.1 | 3,5      | 3,9       | 2.6       | 3.2      | 3,9      | 7.9 | 8.6 | 52.0 | 7.6               | 10955          |
| OCT   |          | 10.9 | 4.8 | 3.5 | 3.3      | 3.5       | 2.6       | 2.5      | 3.2      | 6,3 | 6.8 | 52.8 | 7.2               | 11526          |
| NOV   |          | 18.3 | 7.2 | 4.4 | 4.4      | 4.1       | 2.3       | 2.9      | 3.3      | 5,6 | 6.1 | 41.7 | 6.1               | 10236          |
| DEC   |          | 28.1 | 8.0 | 0.1 | 4.6      | 4,8       | 3.1       | 2,8      | 3.4      | 5,3 | 4.6 | 29.3 | 4,9               | 11412          |
| 10    | TALS     | 15,1 | 4.8 | 4.1 | 3,8      | 4,2       | 2.7       | 2.7      | 3.7      | 6.7 | 6.4 | 45.8 | 6.7               | 132018         |

USAFETAC JUL 44 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO TAP JAPAN/HONSHU

47-60,68-69

JAN

STATION NAME

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    | 1    |     | PE  | CENTAGE | REQUENCY | OF TENTHS | OF TOTAL | SKY COVE | ₹   |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|---------|----------|-----------|----------|----------|-----|-----|------|-------------------|----------------|
| MONTH | (L S T ) | 0    | 1   | 2   | 3       | 4        | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER         | OBS            |
| JAN   | 00-02    | 38,6 | 5.1 | 4.0 | 3.4     | 4.1      | 2.6       | 1.8      | 2.3      | 4.4 | 3.6 | 30.0 | 4.5               | 1416           |
|       | 03-05    | 43.0 | 3.3 | 4.4 | 3.7     | 3.7      | 1.6       | 2.3      | 2.1      | 4,5 | 2,5 | 25.9 | 4.2               | 1424           |
|       | 06=08    | 29.5 | 9.8 | 6.3 | 4.2     | 5.2      | 2.9       | 2,4      | 4.0      | 5.7 | 4.0 | 26.1 | 4.5               | 1435           |
|       | 09-11    | 26.2 | 8.3 | 6.2 | 5.7     | 4.7      | 2.3       | 2.6      | 3.6      | 5,9 | 6.0 | 28.6 | 5.0               | 1429           |
|       | 12-14    | 26.1 | 7,5 | 5.7 | 5.0     | 4,8      | 3,9       | 2.8      | 3.8      | 6.7 | 5.2 | 28.5 | 5.0               | 1448           |
|       | 15-17    | 23.1 | 9.5 | 5.9 | 5.1     | 5.7      | 2.5       | 2.6      | 3.8      | 7.0 | 5.9 | 28.8 | 5.1               | 1448           |
|       | 18-20    | 34.6 | 6.5 | 6.3 | 4.4     | 4.0      | 2.1       | 1.8      | 2,4      | 4.2 | 4.2 | 29.5 | 4.5               | 1418           |
|       | 21-23    | 36.8 | 4.6 | 5.7 | 5.5     | 3.5      | 2.3       | 2.5      | 3,3      | 4.0 | 3.0 | 29.0 | 4.4               | 1412           |
|       |          |      |     |     |         |          |           |          |          |     |     |      |                   |                |
| 7 (   | OTALS    | 32,2 | 6.8 | 5.6 | 4.6     | 4.5      | 2.5       | 2.4      | 3,2      | 5,3 | 4.3 | 28.7 | 4,7               | 11430          |

USAFETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO TAP JAPAN/FORSHU

47-60,68-69

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS |      |     | PE  | CENTAGE I | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVER | <b>1</b> |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|-------|------|-----|-----|-----------|-----------|-----------|----------|-----------|----------|-----|------|-------------------|----------------|
| MONIN | [LST] | 0    | 1   | 2   | 3         | 4         | 5         | 6        | 7         | 8        | 9   | 10   | SKY COVER         | OBS            |
| FER   | 00-02 | 30.8 | 5.0 | 5.7 | 4.7       | 3.7       | 3,4       | 1.8      | 2.8       | 4.2      | 3,6 | 34.2 | 5.0               | 130            |
|       | 03=05 | 32,8 | 5.2 | 4.2 | 2.8       | 3.3       | 2.0       | 2.3      | 2.4       | 4.9      | 3,7 | 36.4 | 5.1               | 131            |
|       | 06=08 | 19.3 | 8.0 | 5.0 | 5.0       | 5.9       | 2.7       | 1.8      | 3.4       | 5,6      | 6.2 | 37.1 | 5.8               | 130            |
|       | 09-11 | 18.3 | 5.5 | 5.6 | 5.2       | 6.6       | 2.9       | 2.5      | 4.5       | 5.0      | 6.0 | 37.9 | 5.9               | 130            |
|       | 12-14 | 17.1 | 7.3 | 6.2 | 3,6       | 3.9       | 3.1       | 2.4      | 4.2       | 5,6      | 6.2 | 36.3 | 5.8               | 131            |
|       | 15-17 | 15.5 | 6.5 | 5.3 | 4.7       | 5,3       | 4.1       | 4.2      | 3.8       | 6,2      | 6.8 | 37.5 | 6.1               | 133            |
|       | 18=20 | 23.6 | 6.2 | 5.0 | 4.0       | 4,6       | 2.7       | 3.7      | 4.2       | 5,2      | 4.3 | 36.4 | 5.6               | 131            |
|       | 21-23 | 29.1 | 5.1 | 5.3 | 3.7       | 4.7       | 2.8       | 1.9      | 3,1       | 4.4      | 3.7 | 36.1 | 5.2               | 130            |
|       |       |      |     |     |           |           |           |          |           |          |     |      |                   |                |
|       |       |      |     |     |           |           |           |          |           |          |     |      |                   |                |
| 10    | TALS  | 23.3 | 6.1 | 5.3 | 4.5       | 5.0       | 3.0       | 2.6      | 3.6       | 5.1      | 5.1 | 36.5 | 5.6               | 1051           |

USA-STAC FORM 0.9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO TAP JAPAN/HONSHU

47-60,67-68

MAR

STATION

PERIOD

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    | 1    |     | PEI | RCENTAGE | REQUENCY | OF TENTHS | OF TOTAL | SKY COVE | 1   |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|----------|----------|-----------|----------|----------|-----|-----|------|-------------------|----------------|
| MUNIN | (L S.T ) | 0    | 1   | 2   | 3        | 4        | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER         | OBS            |
| MAR   | 00-02    | 25.2 | 3.9 | 3.5 | 3.6      | 3.8      | 1.6       | 1.9      | 2.7      | 5,4 | 3.6 | 44.9 | 6.0               | 144            |
|       | 03=05    | 26.5 | 3.4 | 3.1 | 2.7      | 3,2      | 2.3       | 2.5      | 3.1      | 4.6 | 4.2 | 44.4 | 6.0               | 1444           |
|       | 06=08    | 14,4 | 4.3 | 4,5 | 3.5      | 4,2      | 2.7       | 1.4      | 3,5      | 7.1 | 7.1 | 47.3 | 6.8               | 144            |
| -     | 09-11    | 15.0 | 5.8 | 3.0 | 3.6      | 4.0      | 2.4       | 2.8      | 3,5      | 7.5 | 6.7 | 45.7 | 6.7               | 144            |
|       | 12-14    | 13.0 | 6.5 | 4,5 | 4.5      | 5.9      | 2.6       | 3.2      | 2,9      | 6,8 | 6.6 | 43.4 | 6.5               | 145            |
|       | 15-17    | 12.0 | 5.5 | 4.3 | 3.5      | 6.0      | 3.0       | 3.1      | 4,7      | 7.4 | 6.1 | 44.4 | 6.7               | 145            |
|       | 18-20    | 17,3 | 4.5 | 5,5 | 3.8      | 5,8      | 2,4       | 2.5      | 2.7      | 7,1 | 3.2 | 45.2 | 6,3               | 145            |
|       | 21-23    | 24.2 | 3.1 | 3.7 | 3.5      | 4,1      | 2.3       | 1.7      | 2.3      | 5,8 | 3.0 | 46,2 | 6.1               | 144            |
|       |          |      |     |     |          |          |           |          |          |     |     |      |                   |                |
| to    | PTALS    | 18,5 | 4.6 | 4.0 | 3,6      | 4.6      | 2.4       | 2,4      | 3.2      | 6.5 | 5.1 | 45.2 | 6.4               | 1158           |

USAFETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO TAP JAPAN/HUNSHU

47-60,67

APR

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |      |     | PE  | RCENTAGE | FRFQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R   |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|----------|-----------|-----------|----------|----------|-----|-----|------|-------------------|----------------|
| MUNIN | (L S T ) | 0    | 1   | 2   | 3        | 4         | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER         | 085            |
| APR   | 00-02    | 21.6 | 3.2 | 3.9 | 3.4      | 3.5       | 1.9       | 1.8      | 3.0      | 4.0 | 3.3 | 50.3 | 6.4               | 1338           |
|       | 03-05    | 18.9 | 3.0 | 4.5 | 3.4      | 2.8       | 2.4       | 1.6      | 2.9      | 4.4 | 4.6 | 51.6 | 6.7               | 1338           |
| ·     | 06=08    | 12.6 | 3.3 | 3.9 | 3.7      | 3,1       | 2.4       | 2.3      | 3.5      | 6,8 | 6.4 | 51.9 | 7.2               | 132            |
|       | 09=11    | 14.4 | 3.8 | 3.5 | 4.6      | 3.9       | 2.3       | 2.9      | 4.7      | 5.2 | 5.6 | 49.1 | 6.9               | 1331           |
|       | 12-14    | 12.4 | 4.5 | 3.4 | 4.3      | 3.9       | 2.9       | 2.6      | 5,7      | 7.2 | 6.6 | 46.5 | 6,9               | 1327           |
|       | 15-17    | 11,1 | 4.5 | 3.4 | 3.8      | 4.3       | 4.3       | 2.3      | 4.1      | 9,1 | 6.9 | 46.4 | 7.0               | 1330           |
|       | 18-20    | 13.5 | 5.0 | 3.5 | 4.2      | 3,5       | 1.9       | 2.5      | 3.6      | 7,7 | 7.0 | 47.6 | 6.9               | 1329           |
|       | 21-23    | 19.5 | 3.2 | 5.0 | 3.1      | 3.8       | 1.9       | 2.3      | 3,1      | 5,9 | 4.1 | 48.0 | 6,5               | 132            |
|       |          |      |     |     |          |           | -         |          |          |     |     |      |                   |                |
|       |          |      |     |     |          |           |           |          |          |     |     |      |                   |                |
| TC    | TALS     | 15,5 | 3.8 | 3.9 | 3.8      | 3.6       | 2.5       | 2.3      | 3.8      | 6.3 | 5.6 | 48.9 | 6.8               | 1064           |

USAFETAC FORM 0.9.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

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43711 TOKYO TAP JAPAN/HONSHU

47-60,67

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STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    | 1    |     | PE  | RCENTAGE | REQUENCY | OF TENTHS | OF TOTAL | SKY COVE | 2   |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|----------|----------|-----------|----------|----------|-----|-----|------|-------------------|----------------|
| HINOM | (L S T ) | 0    | 1   | 2   | 3        | 4        | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER         | OBS            |
| MAY   | 00-02    | 15.6 | 3.2 | 3.8 | 3.5      | 3,7      | 2.4       | 3.8      | 4.8      | 7.7 | 4.7 | 46.8 | 6.8               | 1382           |
|       | 03-05    | 11.0 | 2.6 | 3,3 | 3.6      | 4.4      | 3.2       | 2.6      | 4.1      | 8,8 | 6.6 | 49.8 | 7.3               | 1377           |
|       | 06=08    | 7.0  | 3.1 | 2.8 | 2.9      | 3,9      | 3.7       | 2.4      | 3.9      | 8.6 | 6.8 | 54.9 | 7.7               | 1377           |
|       | 09-11    | 6.7  | 5.0 | 2.8 | 2.6      | 4.4      | 2.8       | 3.2      | 3.8      | 8.8 | 7.0 | 52.7 | 7.6               | 1377           |
|       | 12-14    | 8.2  | 4.5 | 2.4 | 2.0      | 3.5      | 2.9       | 3.5      | 4.1      | 8,9 | 8.0 | 51.6 | 7.5               | 1379           |
|       | 15-17    | 6,9  | 3.7 | 4.2 | 2.8      | 2.9      | 2.7       | 2.9      | 3,7      | 9.7 | 7.4 | 53.0 | 7.6               | 1387           |
|       | 18-20    | 8,4  | 3.8 | 3.4 | 3.8      | 3.7      | 2.5       | 2.4      | 4.6      | 8.7 | 4.6 | 54.2 | 7.5               | 1385           |
|       | 21-23    | 12.5 | 3.7 | 4.3 | 4.0      | 4,1      | 2.8       | 3,6      | 4.1      | 6,6 | 4.0 | 50.3 | 7.0               | 1381           |
|       |          |      |     |     |          |          |           |          |          |     |     |      |                   |                |
|       |          |      |     |     |          |          |           |          |          |     |     |      |                   |                |
| TO    | DTALS    | 9,5  | 3.7 | 3.4 | 3.2      | 3.8      | 2.9       | 3.1      | 4.1      | 8.5 | 6.1 | 51.7 | 7.4               | 1105           |

USAFETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYU TAP JAPANAHONSHU

47=60,67,69

JUN

STATION

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     |     | PE  | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | ₹   |     |      | MEAN      | TOTAL<br>NO OF |
|-------|----------|-----|-----|-----|----------|-----------|-----------|----------|----------|-----|-----|------|-----------|----------------|
| MONIN | (L S T ) | 0   | 1   | 2   | 3        | 4         | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER |                |
| NUL   | 00=02    | 6,6 | 1.5 | 2.8 | 3,4      | 2.2       | 1.7       | 1.0      | 2.9      | 5.7 | 3.2 | 68.2 | 8.2       | 129            |
|       | 03-05    | 2.6 | 1.5 | 1.8 | 1.8      | 2.2       | 1.8       | 1.5      | 2.2      | 5.4 | 5.5 | 73.6 | 8.8       | 129            |
|       | 06=08    | 1.6 | .9  | 1.9 | 2.1      | 2.0       | 1.6       | 1.7      | 2.0      | 5.7 | 5.3 | 75.2 | 9.0       | 128            |
|       | 09=11    | 2.4 | 1.9 | 1.8 | 2.0      | 2.6       | 2.0       | 1.8      | 2,5      | 6.2 | 6.9 | 69.9 | 8,7       | 128            |
|       | 12-14    | 2,9 | 2.4 | 1.9 | 1.7      | 3.5       | 2.2       | 1.3      | 2,7      | 5.8 | 8.7 | 67.0 | 8.6       | 1292           |
|       | 15-17    | 3,1 | 1.9 | 2.8 | 2.0      | 2.9       | 1.8       | 2.7      | 2.8      | 6,5 | 7.9 | 65.4 | 8.5       | 1299           |
|       | 18-20    | 2.9 | 2.1 | 1.6 | 1.7      | 3.5       | 1.2       | 2,6      | 2.6      | 7.0 | 8.7 | 66.1 | 8.6       | 129            |
|       | 21-23    | 5,6 | 2.3 | 2.5 | 3,2      | 3.6       | 1.4       | 2.2      | 3.0      | 5.6 | 4.2 | 66,3 | 8,2       | 129            |
|       |          |     |     |     |          |           |           |          |          |     |     |      |           |                |
|       |          | 3,0 |     |     |          |           |           |          |          |     |     |      |           |                |
| 10    | TALS     | 3.5 | 1.8 | 2.1 | 2.2      | 2.8       | 1.7       | 1.9      | 2.6      | 6.0 | 6.3 | 69.0 | 8.6       | 103            |

USAFETAC FORM 0 9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311

MONTH

TOKYO IAP JAPAN/HUNSHU

47-60,67

JUL

STATION

STATION NAME

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**IENTHS OF** 

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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USAFETAC

FORM 0-9-5 (OLI) PREVIOUS EDITIONS CF THIS FORM ARE OBSOLCTE

TOTAL NO OF OBS HOURS (L S T.) SKY COVER 7 8 10 JUL 00-02 10.1 3.4 5.6 56.1 7.4 1375 3.6 3.6 4.8 2.2 1.8 3.1 : 5.6 1377 03-05 5.1 2.5 3.6 2.8 4.1 1.8 1.8 4.6 6.2 6.5 60.8 8.0 4.7 6.7 8.7 1372 06=08 3.3 1.3 2.2 2.1 2.8 1.5 4.5 62.1 8.4 2.8 4.7 10.0 1374 09-11 2.3 4.5 3.3 2,2 53.2 8.1 2.4 3.1 11.6 4.7 12-14 3.6 3.4 2.3 4.6 4.0 2.9 6.0 11.2 13.0 44.2 7.6 1373 4.5 5.7 42.8 7.5 1375 15-17 3.1 5.2 10.8 12.9 4.0 3.6 3.8 4.1 10.6 3.8 2.8 4.1 1391 18-20 3.5 4.2 1.7 3.0 5.0 10.9 50.5 7.9 1373 9.0 3.7 3.7 4.7 7.2 21-23 5.5 3.1 3,1 4.3 4.6 8.2 50.3 8.7 5.4 3.0 3.5 3.1 4.5 2.9 2.6 4.7 9.2 52.5 7.8 11000 TOTALS

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

SKY COVER

43311 TOKYO TAP JAPAN/HONSHU

47-60,67-68

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STATION

STATION NAME

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS    |      |     | PEI | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R    |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|--------|----------|------|-----|-----|----------|-----------|-----------|----------|----------|------|------|------|-------------------|----------------|
| moinin | (L S T ) | 0    | 1   | 2   | 3        | 4         | 5         | ه        | 7        | 8    | 9    | 10   | SKY COVER         |                |
| AUG    | 00=02    | 15.5 | 3.3 | 5.9 | 5.3      | 5.0       | 2.6       | 4.1      | 4,3      | 6.0  | 4.7  | 43.2 | 6.4               | 140            |
|        | 03=05    | 9.8  | 5.0 | 4.1 | 4.6      | 4.0       | 3.2       | 4.8      | 4.0      | 7,2  | 6.3  | 47.2 | 7.0               | 140            |
|        | 06=08    | 2.7  | 2.4 | 3.8 | 3.5      | 4.6       | 3.3       | 3.1      | 5.4      | 10,3 | 12.7 | 48.2 | 7.9               | 141            |
|        | 09=11    | 4.6  | 2.9 | 4.4 | 4.3      | 5.8       | 4.1       | 4.1      | 5.7      | 10.3 | 10.2 | 43.6 | 7.4               | 142            |
|        | 12-14    | 7.4  | 5.5 | 4.6 | 4.3      | 6.7       | 4.1       | 4.8      | 6.2      | 9.1  | 10.4 | 36.9 | 6.8               | 142            |
|        | 15-17    | 8.2  | 5.3 | 4.0 | 5.6      | 6.6       | 4.3       | 4.1      | 6,5      | 11.9 | 8.2  | 35.3 | 6,7               | 142            |
|        | 18-20    | 7.5  | 3.9 | 3.7 | 5.4      | 6.6       | 3.8       | 3.3      | 7.0      | 11.1 | 9.6  | 38.2 | 7.0               | 141            |
|        | 21-23    | 14.2 | 2.8 | 5.6 | 4.7      | 5,3       | 3.5       | 4.5      | 4.8      | 8,5  | 5.6  | 40.5 | 6.5               | 141            |
| - nas  |          |      |     |     |          |           |           | 1        |          |      |      |      |                   |                |
|        |          |      |     |     |          |           |           |          |          |      |      |      |                   |                |
| 10     | TALS     | 8.7  | 3,9 | 4.5 | 4.7      | 5.6       | 3.6       | 4.1      | 5.5      | 9.3  | 8.5  | 41.6 | 7.0               | 1132           |

USAFETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO IAP JAPAN/PUNSHU

46-54,36-60,67-69

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |      |     | PEI | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R    |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|----------|-----------|-----------|----------|----------|------|------|------|-------------------|----------------|
| MONTH | (L S.T.) | 0    | 1   | 2   | 3        | 4         | 5         | 6        | 7        | 8    | 9    | 10   | SKY COVER         | OBS            |
| SEP   | 00=02    | 11.1 | 3.8 | 3.1 | 3.4      | 4.4       | 2.5       | 2.8      | 3,8      | 5.0  | 5.8  | 54.3 | 7.3               | 137            |
|       | 03=05    | 9.2  | 3.4 | 2.6 | 3.5      | 3.5       | 1.9       | 3.7      | 4.3      | 5,7  | 6.0  | 56.2 | 7.6               | 136            |
|       | 06=08    | 3.8  | 4.1 | 2.1 | 2.7      | 2.6       | 2.5       | 2.6      | 2.5      | 7,9  | 11.7 | 57.3 | 8.2               | 135            |
|       | 09-11    | 4,9  | 4.4 | 3.4 | 3.1      | 3,3       | 3.1       | 3.1      | 3,2      | 9.0  | 9.6  | 52.7 | 7.8               | 137            |
|       | 12-14    | 4,3  | 4.9 | 3.5 | 3.6      | 4.4       | 3.1       | 3.5      | 4.5      | 9.3  | 10.4 | 48.5 | 7.6               | 1370           |
|       | 15-17    | 6.1  | 3.8 | 3,7 | 4.2      | 4.1       | 3.0       | 3,3      | 4.4      | 11.7 | 8.8  | 46.8 | 7.5               | 137            |
|       | 18=20    | 7.1  | 3.7 | 3.8 | 4.1      | 3,8       | 2.3       | 3,4      | 4,8      | 8.3  | 10.2 | 48.3 | 7.5               | 136            |
|       | 21-23    | 10.9 | 5.2 | 2,8 | 3,7      | 4.8       | 2.2       | 2.8      | 3,3      | 6.5  | 6.1  | 51.7 | 7,2               | 137            |
|       |          |      |     |     |          |           |           |          |          |      |      |      |                   |                |
|       |          |      |     |     |          |           |           |          |          |      |      |      |                   |                |
| ŤC    | OTALS    | 7.2  | 4.2 | 3.1 | 3,5      | 3,9       | 2.6       | 3.2      | 3,9      | 7.9  | 8.6  | 52.0 | 7.6               | 1095           |

FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

#### SKY COVER

43311 TOKYU IAP JAPAN/HONSHU

46-54,56-60,67-68

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MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |      |     | PE  | RCENTAGE I | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | R   |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|----------|------|-----|-----|------------|-----------|-----------|----------|----------|-----|-----|------|-------------------|----------------|
| MONTH | (L S T ) | 0    | 1   | 2   | 3          | 4         | 5         | 6        | 7        | 8   | 9   | 10   | SKY COVER         | OBS            |
| UCT   | 20-00    | 13.8 | 2.9 | 3.3 | 3.1        | 4.1       | 1.9       | 3.5      | 4.1      | 5,3 | 4.9 | 53.1 | 7.1               | 1433           |
|       | 03=05    | 14.8 | 4.0 | 2.9 | 3.4        | 2.7       | 2.4       | 2.8      | 3.2      | 5.8 | 4.8 | 53.3 | 7.0               | 1429           |
|       | 06=08    | 6.7  | 5.5 | 3.7 | 2.9        | 2.4       | 3.0       | 2.1      | 3.5      | 7.3 | 9,6 | 53.3 | 7.6               | 1424           |
|       | 09-11    | 8.7  | 5.3 | 4.1 | 2.6        | 3.9       | 2.0       | 2.1      | 2.4      | 7.1 | 7.9 | 53.9 | 7.4               | 1450           |
|       | 12-14    | 9.0  | 6.2 | 3.2 | 3.4        | 3,8       | 3,3       | 1.9      | 3.6      | 6,4 | 8.2 | 51.0 | 7.3               | 1456           |
|       | 15-17    | 10.1 | 6.0 | 2.8 | 3,3        | 3.6       | 2.8       | 2.1      | 3.7      | 6.4 | 9.0 | 50.3 | 7.2               | 1454           |
|       | 18-20    | 11.1 | 4.9 | 3.8 | 3.9        | 3.9       | 2.4       | 2.7      | 3,3      | 6.0 | 4.9 | 53.0 | 7.1               | 143            |
|       | 21-23    | 13.0 | 3.5 | 3.8 | 4.0        | 3.5       | 2.7       | 2.4      | 2.1      | 5,8 | 4.7 | 54.5 | 7.1               | 1443           |
|       |          |      | 1   |     |            |           |           |          |          |     |     |      |                   |                |
|       |          |      | 1   |     |            |           |           |          |          |     |     |      |                   |                |
| 10    | DTALS    | 10.9 | 4.8 | 3.5 | 3.3        | 3,5       | 2.6       | 2.5      | 3.2      | 6.3 | 6.8 | 52.8 | 7.2               | 1152           |

USAFETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO IAP JAPAN/HONSHU

47-54,56-60,67-68 PERIOD NOV

STATION

STATION NAME

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS |      |     | PE  | RCENTAGE | FREQUENCY | OF TENTHS | OF TOTAL | SKY COVE | ₹   |     |        | MEAN<br>TENTHS OF | TOTAL<br>NO OF |
|-------|-------|------|-----|-----|----------|-----------|-----------|----------|----------|-----|-----|--------|-------------------|----------------|
| MONIN | (LST) | 0    | 1   | 2   | 3        | 4         | 5         | 6        | 7        | 8   | 9   | 10     | SKY COVER         | OBS            |
| NDV   | 00=02 | 20.0 | 5.7 | 5.2 | 4.9      | 4.2       | 2.1       | 2.9      | 2.3      | 5.3 | 4.8 | 42.5   | 6.0               | 1262           |
|       | 03-05 | 23.5 | 5.4 | 4.4 | 3.9      | 3.7       | 2.0       | 3.3      | 4.2      | 4.0 | 6.7 | 39.0   | 5.8               | 1260           |
| - A   | 06-08 | 14.0 | 6.9 | 4.4 | 4.8      | 3.6       | 2.9       | 2.7      | 3.7      | 7.7 | 8.1 | 39.1   | 6.3               | 1289           |
|       | 09-11 | 15.2 | 8.4 | 4.8 | 5.2      | 5.2       | 2.0       | 2.3      | 3.0      | 6.2 | 7.1 | 40.7   | 6,2               | 1280           |
|       | 12-14 | 17.9 | 8.1 | 4.4 | 4.0      | 3.9       | 2.2       | 3.2      | 3.3      | 6.0 | 6.6 | 4C.    | 6.1               | 1288           |
|       | 15-17 | 16.6 | 8.9 | 3.0 | 4.1      | 5.2       | 2.5       | 2.5      | 4.2      | 3.2 | 5,5 | 42.0   | 6.2               | 1298           |
|       | 18-20 | 20.0 | 6.5 | 4.4 | 3.6      | 3.2       | 2.3       | 2.8      | 2.9      | 5.4 | 4.0 | 45.0   | 6.2               | 1283           |
|       | 21-23 | 18,8 | 5.3 | 4.6 | 4.8      | 3,6       | 2.0       | 3.1      | 2.9      | 4.8 | 5.6 | 44,4   | 6,3               | 1276           |
|       |       |      |     |     |          |           |           |          |          |     |     |        |                   |                |
|       |       |      |     |     |          |           |           |          |          |     |     | !<br>! |                   |                |
| TC    | TALS  | 18.3 | 7.2 | 4.4 | 4.4      | 4.1       | 2.3       | 2.9      | 3,3      | 5.6 | 6.1 | 41.7   | 6.1               | 10236          |

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USAFETAC FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

43311 TOKYO TAP JAPAN/HONSHU

46-54,56-60,67-68

OFC

STATION

STATION NAME

HINGH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| HINOM | HOURS    |          |      | PE  | CENTAGE I | REQUENCY | OF TENTHS | OF TOTAL | SKY COVE | ₹   | _   |      | MEAN TENTHS OF | TOTAL<br>NO OF |
|-------|----------|----------|------|-----|-----------|----------|-----------|----------|----------|-----|-----|------|----------------|----------------|
| MUNIH | (L S T ) | 0        | 1    | 2   | 3         | 4        | 5         | 6        | 7        | 8   | 9   | . 10 | SKY COVER      |                |
| DEC   | 00-02    | 35.0     | 6.1  | 7.0 | 4.0       | 4.1      | 2.6       | 2.5      | 3.2      | 3.8 | 3.6 | 28.0 | 1 4,4          | 140            |
|       | 03=05    | 39,0     | 7.1  | 4.3 | 3.3       | 3,6      | 2.2       | 2.0      | 3.2      | 4,5 | 3,3 | 27.6 | 4.3            | 1430           |
|       | 06=08    | 24.5     | 10.5 | 6.4 | 4.7       | 5,3      | 3.1       | 2.7      | 3,5      | 5,8 | 5.5 | 27.9 | 4.9            | 142            |
|       | 09-11    | 20.5     | 8.9  | 7.0 | 5.6       | 5.3      | 3.8       | 2.5      | 3,1      | 5,9 | 6,9 | 30.4 | 5.3            | 143            |
|       | 12-14    | 22.0     | 8.6  | 6.3 | 4.0       | 5,8      | 3,2       | 3.2      | 3.7      | 7.2 | 4.8 | 31.2 | 5.3            | 143            |
|       | 15-17    | 21.0     | 10.5 | 6.1 | 4.1       | 4.7      | 4.5       | 2.4      | 4.4      | 6.7 | 5.8 | 29.7 | 5.3            | 143            |
|       | 18-20    | 30,9     | 6.2  | 5.4 | 5.1       | 5.0      | 2,4       | 3.6      | 3,1      | 4.0 | 4.1 | 30.2 | 4.8            | 142            |
|       | 21-23    | 31,5     | 6.0  | 6.4 | 5,6       | 4.9      | 3.0       | 3.0      | 3.0      | 4.2 | 2.8 | 29.7 | 4.5            | 141            |
|       | 1        | <u> </u> |      |     |           |          |           |          |          |     |     |      |                |                |
|       |          |          |      |     |           |          |           |          |          |     | !   |      |                |                |
|       | ·        |          |      |     |           |          |           | ·        |          |     |     |      |                |                |
|       | <u> </u> | !        |      |     |           |          |           |          |          |     |     |      |                |                |
| 10    | DTALS    | 28,1     | 8.0  | 6.1 | 4.6       | 4.8      | 3.1       | 2.8      | 3.4      | 5.3 | 4.6 | 29.3 | 4.9            | 1141           |

FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART E

#### **PSYCHROMETRIC SUMMARIES**

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record evailable. An annual (ALL MONTHE) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- &. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations  $(\sigma X)$ . The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
  - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity / increments of 10% classes, plus the mean relative humidity and total number of observations in 'es.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

46-60

DATA PROCESSING PRANCE USAF ETAC AIR "EAT 'EP SERVICE/MAC A3311 TURYL IAP JAPA: STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MUMIKAN

**DAILY TEMPERATURES** 

| TEMP (°F) | JAN    | FEB      | MAR     | APR         | MAY              | JUN         | JUL     | AUG    | SEP   | OCT    | NOV    | DEC     | ANNUAL |
|-----------|--------|----------|---------|-------------|------------------|-------------|---------|--------|-------|--------|--------|---------|--------|
| 95        |        | ·        |         |             |                  |             | · 2.    | 1.4    |       |        |        |         |        |
| 90        |        |          |         |             | . 2.             | <b>.</b> 2. | 7.4.    | 20.5.  | 1.7.  |        |        |         | 2.     |
| 85 .      |        |          |         |             | 7.1.             | 5.2.        | 42.0.   | 66.8.  | 19.1. |        |        |         | .11.   |
| 80        |        |          |         | <u>. 2.</u> | 11.1.            | 23.4        | 74.6    | 89.6   | 51.8. | 1.4.   |        |         | 21.    |
| 75        |        |          |         | 3.6         | 32.3             | 56.2.       | 93.3    | 97.2.  | 80.2  | 13.6.  | .3     |         | 31.    |
| 70 .      |        | . 2      | 1.2.    | 18.1.       | 70.0.            | 34.7.       | 97.2    |        | 95    | 45.2.  | 5.9.   | . 2 .   | 43.    |
| 65        | 45     | 2.5.     | 6.2.    | 46.0        | 90.3             |             | 100.0   |        |       | 75.1.  | 22.1.  | 1.2     | 53,    |
| 60        | 3.7    |          | 22.2.   | 76.2        | 28.4             | 79.3.       | ****    |        | 100.0 |        | 53.5.  | 2.7.    | 64.    |
| 55        | 11.5   |          | 44.5.   | 93.1        |                  | 100.0.      | •       | •      |       | 99.8.  | 81.7.  | 33.4.   | 7.3    |
| 50<br>50  | 35.7   |          |         |             | 100.0            | Tuntr.      | •       | •      |       | 100.0  | 25.1.  | 66.1.   | .a4.   |
|           |        |          |         |             | .I.V. & City II. | +           | •       | •      |       | IVUIU. | 99.7   | 91.9    | 9.4    |
| 45 .      | 73.3   |          |         | 100.0       | •                | •           |         | •      | •     | •      | 100.0. | 99.3    | 92.    |
| 40 .      | 97.7   |          | 99.5.   |             |                  | •           |         |        | •     | •      |        | 100.01  | 100    |
| 35 .      | 100+0  | . 100.0. | 700 * 0 |             |                  | •           | •       |        | •     | •      | •      | TANTH " | TOU    |
| •         |        |          | ,       |             |                  | •           | •       | •      | •     | •      | •      | 7       |        |
| r         |        |          |         | •           |                  |             | •       | •      |       | •      |        | 44      |        |
|           |        |          |         |             |                  | •           |         |        |       | •      | †      | 4       |        |
|           |        |          |         |             |                  | +           |         |        |       |        | †      | -       |        |
|           |        |          |         |             |                  | ,           |         |        | •     | - •    |        | +       |        |
|           |        |          |         |             |                  | -           |         |        | ļ     |        |        | -       |        |
| _         |        |          |         |             |                  |             |         |        | 1     |        |        | -       | -      |
|           |        |          |         |             |                  |             |         |        |       |        |        |         |        |
|           |        |          |         |             |                  |             |         |        |       |        |        |         |        |
|           |        |          |         |             |                  |             |         |        |       | 4      |        | _       |        |
|           | •      |          |         |             | 1                |             |         | 1      |       |        |        |         | _      |
| •         |        | •        |         |             |                  |             |         |        |       |        | i      |         |        |
|           | •      |          |         |             | •                | •           | •       | Ţ      | 1     |        |        | 1       |        |
|           |        |          |         |             | '                | i           |         | '      | Ī     | - •    |        | Т       |        |
|           | •      |          |         |             | •                | †           | •       | ,      | •     | •      | •      | -       | ,      |
| •         | •      | •        | •       | •           | •                | •           | •       | •      | †     |        | •      | •       | -      |
|           |        |          |         | ,           | •                |             | •       |        | i     | •      | •      | •       |        |
|           | •      | •        |         |             | •                |             | •       |        | •     | •      |        | **      |        |
|           |        |          |         | ;           |                  |             | :       |        |       | +      |        | #       |        |
|           |        | •        |         |             | ,                | •           |         | -      | •     | •      |        | +       |        |
|           |        | •        |         |             | •                | •           | •       | •      | •     |        |        | **      |        |
|           |        |          | •       |             |                  |             | •       |        |       | •      | •      | •       |        |
| 445451    | . بر " | 42.9     | 54.1    | 63.8        | 72.5             | 75.3        | 85.0    | 85.7   | 79.3  | 68.4   | 55,5   | 52.0    | 65     |
| MEAN      | 46.    |          |         |             |                  |             | 0 2 5 5 | 4 99 K | 5.563 | 5.320  |        | 5.442   |        |
| 5 D       | 5,40   | 5.470    |         | 5,948       | 6.446            | 7.170       | 5,315   | 4.835  |       |        |        | 434     |        |
| TOTAL OBS | 430    | i 396    | 434     | 420         | 434              | 406         | 433     | 434    | 409   | 434    | 389    | 434     | 30     |

### **DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

45-60

YEARS

MINIMUM

|               | TEMP (°F)     |    | JAN   | FEB   | MAR    | APR               | MAY      | NUL     | JUL   | AUG    | SEP   | oct    | NOV          | DEC    | ANNUAL |
|---------------|---------------|----|-------|-------|--------|-------------------|----------|---------|-------|--------|-------|--------|--------------|--------|--------|
| -             | 80            |    |       |       |        |                   |          |         | .7.   |        |       | ,      | ,            |        | • 3    |
| :             | 75 .          | -  |       |       |        |                   | 5.3      | 1.2.    | 31.9  |        | 13.7. |        |              |        | 2.6    |
| •             | 70            | ** |       |       |        |                   | 7.41     | .13.1.  | 76.0  |        | 41.3  | • 2.   |              | -      | 12.3   |
| :             | <b>65</b> .   |    |       |       |        |                   | 12.4     | 49.8.   |       | 98.2.  | 74.31 | 6.2.   |              |        | 23.2   |
| <u> </u>      | 60            |    |       |       | • 2    | 2 • 7.            | 40.1.    | 57.9.   | 99.8. | 100.0: | 95.4  | 32.0:  | <b>.</b> .5. |        | 38.6   |
|               | 55 .          | -  |       |       | 1.2.   | 23.1.             | 79.3!    |         | 100.0 |        | 99.B. | 75.3.  | 10.0         |        | 49.3   |
| <u> </u>      | 50 .          |    |       | 1.0   | ₹.9.   | 52.4.             |          | 100.00. |       |        | 100.0 |        | 12.3.        | 1.8.   | 37.4   |
| <u> </u>      | 45            |    | • 7   | 3.3.  | 21.2.  |                   | 9.9 . 3. |         |       |        |       | 99.5   | 7.0.421      | 11.3   | 65.7   |
| <u> </u>      | 40 .          |    | 11.3. | 16.4. | 52.3.  |                   | 100 . C: |         |       |        |       | 100.0i | 21.5.        | 38.2.  | 75.4   |
| <u> </u>      | 35            |    | 4C. " | 46.7  | 81.0   | 99.B.             |          |         |       |        |       |        | 98.7.        | 72.8   | 85.7   |
| <u> </u>      | 33            |    | 56.2. | 97.7. |        | 100.0!            |          |         |       |        |       | :      | 997          | 85.3.  | 91.9   |
| <u>≥</u><br>≥ | 30 .          |    | 12.2. | 22.4  | 97.9.  |                   |          |         |       |        |       |        | 100.0.       |        | 97.1   |
|               | 25            |    | 95.4. | 99.7. | 100.0. |                   |          |         |       |        |       |        |              | 10C+0: | 99.8   |
| 2             | 20            |    | 100.0 | 100.0 |        |                   |          |         |       |        |       |        |              |        | 100.0  |
| ≥             |               |    |       |       |        |                   |          | ,       |       |        |       |        |              |        |        |
| <b></b>       |               |    |       |       |        |                   |          |         |       |        |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              | *      |        |
| <b>≥</b>      |               |    |       |       |        |                   |          |         |       |        |       |        | 1            |        |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              |        |        |
| 2             |               |    |       |       |        |                   |          |         |       |        |       |        |              | μ.     |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   | ,        |         |       |        |       |        |              | i'     |        |
| ≥             |               | ** |       |       |        |                   |          |         |       | . ,    |       |        |              | *      |        |
| <b>≥</b>      |               |    |       |       |        |                   | 1        |         |       |        |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   |          | i       |       |        |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              | 1      |        |
| ≥             |               |    |       |       |        |                   |          |         | - •   |        |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   |          |         |       | . :    |       |        |              |        |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              | ai.    | -      |
| 2             |               |    |       | ,     |        |                   |          |         | . ,   | , .    |       |        |              |        |        |
| 2             |               |    |       |       |        |                   |          |         |       |        |       |        |              | 4      |        |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       | ,      |              |        | _      |
| ≥             |               |    |       |       |        |                   |          |         |       |        |       |        |              |        |        |
| 2             | MEAN          | 12 | 33,3  | 3,0   | āÁ Aİ  | AĞ <sup>®</sup> R | 57.0     | 64.4    | 7271  | 74.6   | 68.2  | 57.2   | 47.4         | 37.A   | 53.3   |
|               | S D           | ۰  |       | - •   |        |                   |          |         |       |        |       |        |              |        |        |
|               |               | ٠  | 4.41  | 4.990 |        | 0.012             |          |         |       | 3,520  | 5.234 | 4,030  | 5.640        | 5.325  | 15.041 |
|               | FETAC FORM 02 |    | 434   | 396   | 434    | 420               | 434      | 406     | 433   | 434    | 409   | 434    | 389          | 434    | 2057   |

LATA PRIVESSING HRANCH

JSAF ETA:
AIR EAT-TER SERVICE/FAG
43311 TULY TAP JAPAN
STATION HAME

2

**DAILY TEMPERATURES** 

CATA PRUCESSING MRANCH USAF ETAC AIR TEATTER SEPVICE/TAC 43311 TURYL IAP JAPAN MARION NAME 43311 STATION

46460

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

**£42.**1

|               | TEMP (°F)            |          | JAN                            | FEB                           | MAR                               | APR                       | MAY                     | JUN                     | JUL                              | AUG    | SEP                     | ост                    | NOV                               | DEC       | ANNUAL                         |
|---------------|----------------------|----------|--------------------------------|-------------------------------|-----------------------------------|---------------------------|-------------------------|-------------------------|----------------------------------|--------|-------------------------|------------------------|-----------------------------------|-----------|--------------------------------|
| A A           | 85<br>80<br>75<br>70 |          |                                |                               | ,                                 |                           | 0.7.<br>7.6.<br>17.3.   | 2.5.<br>17.0.<br>56.7!  | 4.2.<br>-39.0.<br>75.8.<br>95.6. | 65.2   | 15.9:<br>46.5.<br>77.8: | • 2.<br>7 • 61         |                                   | **        | 1.1<br>-11.1<br>-20.1<br>-29.6 |
| N N N N       | 65<br>60<br>55       |          | , • <del>7</del> .             | •5.<br>2•3                    | •2.<br>2•1.<br>9•2.               | 8.6;<br>33.8!<br>65.3.    | 60.61<br>69.61<br>95.4. | 88.4.<br>98.8.<br>99.61 |                                  | 100.0. |                         | 36.2<br>75.1.<br>97.5. | 1.3.<br>14.4:<br>45.5.            | .2<br>3.0 | 41.2<br>51.5<br>60.3           |
| N W W         | 50<br>45<br>40<br>35 |          | 3.5.<br>26.3.<br>60.4.<br>96.6 | 9.1.<br>28.0<br>66.2.<br>96.7 | 33.2.<br>04.3.<br>92.5.<br>100.0. | 90.7.<br>99.01.<br>100.01 | 99.81<br>100.0          | 100.C                   | •                                | •      | •                       | 100.0                  | 80.5.<br>93.6.<br>99.7.<br>100.0. |           | 49.6<br>80.0<br>92.2<br>99.4   |
| ≥             | 30                   |          |                                | 100.0.                        |                                   | •                         | •                       | :                       |                                  |        | :                       |                        | ;                                 | 100.0     | 100.0                          |
| ۱ ا۷ ا۷       |                      | -        | ,                              | •                             |                                   | •                         |                         |                         |                                  | i<br>• | •                       | •                      | •                                 | **        |                                |
| N N N         |                      | -        |                                |                               |                                   |                           | ,                       |                         | •                                |        |                         |                        |                                   |           | -                              |
| ≥<br>≥        |                      |          |                                | -                             |                                   |                           | •                       |                         |                                  |        |                         |                        | •                                 | !         |                                |
| ≥             | -                    |          |                                |                               |                                   |                           | •                       |                         |                                  |        |                         | •                      | •                                 | -         |                                |
| ≥<br>≥<br>≥   |                      | <u>.</u> |                                |                               |                                   |                           |                         |                         | - •                              |        |                         | +                      |                                   |           |                                |
| ≥<br>≥        |                      | -        | ,                              |                               |                                   |                           | :                       | •                       | •                                | :      |                         |                        | :                                 |           |                                |
| ≥<br>≥        |                      |          |                                |                               |                                   |                           |                         |                         | †                                |        | •                       | - 4                    |                                   | <u>.</u>  |                                |
| <u>^</u><br>≥ |                      | -        | •                              |                               | ٠                                 | +                         |                         |                         | †                                | †      | †                       | •                      | *                                 |           |                                |
| ≥<br>≥        |                      |          | •                              |                               |                                   |                           | +                       |                         | †                                |        |                         |                        |                                   | 7<br>2    |                                |
| ≥             | MEAN<br>S D          | #<br>    | 41.<br>4.10°                   |                               | 47,2<br>5,529                     |                           | 65.9                    |                         | 47.7                             | 80.3   | 73.9                    | 62.9                   | 53.8<br>5.191                     | 45.6      | 39.7                           |
| _             | TOTAL OBS            |          | 434<br>5 (OL 1) PREV           | 395                           | 434                               | 4201<br>4201              | 434                     | 406                     | 433                              | 434    | 409                     | 434                    | 389                               | 434       | 5057                           |

USAF ETAC JUL 64 0 21 5 (OL 1) PREVIOUS FOITIONS OF THIS FORM ARE OBSOLETE

#### **EXTREME VALUES**

HAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

43311 TOKYO TAP JAPAN STATION NAME

46m00 YEARS

#### WHOLE DEGREES FAHRENHEIT

| MONTH;            | JAN   | FEB  | MAR            | APR         | MAY   | ן אטן       | וחר         | AUG. | SEP   | ост.  | NOV         | DEC   | ALL<br>MONTHS |
|-------------------|-------|------|----------------|-------------|-------|-------------|-------------|------|-------|-------|-------------|-------|---------------|
| 40                |       |      |                | <del></del> |       | <del></del> | <del></del> |      | 84    | 84    | <del></del> | 62    |               |
| 47                | 60    | 59   | 60             | 71          | 75    | 81          | 90          | 94   | 88    | 78    | 70          | 60    | 94            |
| 48                | 56    | 60   | 64             | 71          | (90)  | 84          | 90          | 88   | 88    | 80    | 69          | 62    |               |
| 4.0               | 55    | 60!  | 6.8            | 72          | 79    | 84          | 90          | 90   | 86    | 74    | 69          | 59    | 90            |
| 50                | 63    | 67   | 64             | 72          | 83    | 87          | 91          | 92   | 90    | 72    | 70          | 60    | 92            |
| 5.1               | 53:   | 61   | 65             | 75          | 82    | 85          | 92          | 94   | 86    | 80    | . 70        | 63    |               |
| <u>51</u> .<br>52 | 60    | 51,  | 64             | 78          | 81    | 86          | 89          | 96   | 91    | 79    | 71          | 59    | 96            |
| 53                | 601   | 65   | 67<br>72<br>70 | 76          | 81:   | 85          | 941         | 97   | 88    | 76    | 76          | 66    | 97            |
| 54                | 60    | 70   | 72             | (11)        | 79    | 23          | 89          | 94   | 90    | 75    | (76)<br>69  | 68    | 94            |
| 54<br>55          | 59.   | 00   | 70             | 9           | 801   | 20          | 96          | 95   |       |       |             |       |               |
| 56                | 58;   | 61   | 68             | 78          | 82    | 85          | 88          | 95   | 88    | 79    | 71          | 64    | 95            |
| 57.               | 67    | 52   | 6.7            | 76          | 8.0   | 8.2         | 91          | 93   | 84    | 75    | 71          | 71    | 93            |
| 58                | 58    | 68   | 66             | 74          | 83    | 86          | 87          | 89   | 91    | 80    | 72          | 64    |               |
| 59 1              | 62    |      | 6.7            | 75          | 0.2   | 79          | 91          | 92   | 92    | 7.8   | 72          | 63    | 92            |
| .59 1<br>60       | 69    | 66   | 70             | 73          | 80    | 86          | 88          | 91   | 89    | 78    | 73          | 66    | 91            |
| <del>1</del>      |       | •    | - 4            | - ;<br>- 4  |       |             |             | !    |       |       |             |       |               |
|                   | A.    | 10.  | 72             | 81          | !     | 90          | 96          | 97   | 92    | 84    | 76          | 7/    |               |
| <u> </u>          | •     | •    | 1              | ·           | 1     |             |             |      | ·     |       |             |       |               |
| 1                 | •     | -    | •              |             |       |             |             |      |       |       |             |       |               |
| -4                | •     | !    | - ‡            |             | [     |             |             |      |       |       |             |       |               |
|                   |       |      |                |             |       |             |             |      |       |       |             |       |               |
| MEAN              | 60.7  | 62.4 | 66.6           | 74.9        | 81.2  | 84.4        | 90.7        | 92.9 | 88.5  | 78.2  | 71.2        | 63,4  | 93.4          |
| S D               | 4.250 |      | 3.081          | 2.973       | 3.262 | 2.873       |             |      | 2.295 | 2.607 | 1.946       | 3.500 | 2,221         |
| TOTAL OBS         | 434   | 396  | 434            | 420         | 434   | 390         | 403         | 434  | 390   | 434   | 360         | 434   | 4963          |

USAF ETAC FORM 0 88 5 (OH)

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **EXTREME VALUES**

HAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

43311 TUKYU TAP JAPAN STATION NAME

AE-60 YEARS

WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

| MONTH       | JAN | FEB    | MAR       | APR      | MAY  | NUL                 | JOF      | AUG    | SEP.     | ост                                   | NOV          | DEC. | ALL<br>MONTHS |
|-------------|-----|--------|-----------|----------|--|---------------------|----------|--------|----------|---------------------------------------|--------------|------|---------------|
| 46          |     |        |           |          |  |                     |          |        | 84<br>19 |                                       |              |      | MAX TEM       |
| 45          |     | -      |           |          |  |                     |          |        |          |                                       | 69<br>29     |      | MAX TEM       |
| 51          |     |        |           |          |  | 16                  |          |        | i i      |                                       | i            |      | MAX TEM       |
| 5%          |     | . =    |           |          | <u>.</u>                                     | 1                   | 87<br>30 |        | ļ        |                                       |              |      | MAX TEM       |
| - •         | •   | -      | <b>+</b>  |          | • • • •                                      |                     |          |        |          |                                       |              |      |               |
| #           |     |        | :         |          | !<br><del>!</del>                            |                     |          |        |          |                                       |              |      | !             |
|             | 4   |        |           |          |  |                     |          | J      |          |                                       |              |      |               |
| - 1         | 1   |        | •         |          |  |                     |          |        |          |                                       |              |      |               |
| - 1         |     |        | •         |          | •  |                     |          |        |          | <u></u>                               |              |      |               |
| 1_          |     |        | I<br>•••• |          | •  | ;<br>- <del> </del> |          |        | ·        |                                       |              |      |               |
| ،<br>ئد- ــ |     | ı      | <u> </u>  | ·<br>• - | • -  | <u> </u>            |          |        |          |                                       |              |      |               |
|             |     |        | ;         |          | •  | <u> </u>            |          |        |          | ···                                   |              |      |               |
| -           |     |        |           |          | <u>.                                    </u> | -                   |          |        |          | · · · · · · · · · · · · · · · · · · · | <del> </del> |      | -             |
| - 1         |     |        |           |          |  | <del> </del>        |          |        |          |                                       |              |      | <b></b>       |
| MEAN S D    | · · | ,<br>! |           |          | <u> </u>                                     |                     |          | - A.S. |          | _====                                 |              |      | -             |
| TOTAL OBS   | -   |        | <u>;</u>  |          |  | +                   |          |        |          |                                       |              |      | <u> </u>      |

USAF ETAC TORM 0 88 5 (OU)

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### **EXTREME VALUES**

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

43311 TUKYU TAP JAPAN STATION NAME

46#60...

YEARS

#### WHOLE DEGREES FAHRENHEIT

| MONTH       | JAN           | FEB  | MAR   | APR         | MAY            | JUN              | JUL      | AUG      | SEP      | oct.     | МОЛ   | DEC.     | ALL<br>MONTHS                         |
|-------------|---------------|------|-------|-------------|----------------|------------------|----------|----------|----------|----------|-------|----------|---------------------------------------|
| 46          |               |      |       | 1           |                | 7.               |          |          | 56       | (42      | 7     | 26       |                                       |
| 47          | (23)          | (21) | 26    | . 401       | 42             | 57               | 63       | 7.2      | 60       | 45       | 35    | (25)     | 21                                    |
| 48          | 24            | 28   | 33    | 44          | 72             | 60               | 70       | 67       | 58       | 45       | 34    | 33       |                                       |
| 49          | 28            | 26:  | .29   | .36         | 49             | 50               | (57)     |          | 61       | 44       | 40    | 27       | 26                                    |
| 50          | 28,           | 3 Q. | 29    | 42          | 51'            | 58               | 55       | 70       | 58       | 50       | 33    | 29       | 28                                    |
| 50<br>\$1 1 | 24            | 27.  | 32    | 37          | 50             | 61               | 62       | 69       | 58       | 50       | _(30  | 31       |                                       |
| 52          | 29            | 27   | 33    | 35          | 51<br>41<br>52 | 56               | 65       | 72       | 52       | 50       | 43    | 29       | 27                                    |
| 5.3         | 27<br>23      | 27.  | 33    | 42          | 41             | 58               | 65       | 62       | _60      | 54       | 35    | 31       | 27                                    |
| 54          | 23            | 28   | 33    | 44          | -52            | 55               | 61       | 69       | 63       | 47       | 41    | 35       | 23                                    |
| <b>5</b> 5  | 27            | 29   | . 33! | 35          | 48             | 59               | 72       | 69       |          |          |       |          |                                       |
| Ďή          | 20            | 27   | بنتقر | 33          | 44             | 50<br>22         | 54       | 69       | 58       | 46       | 36    | 25<br>32 | 25                                    |
| 5.7         | _26           | 28   | 26    | 37          | 47             |                  | ) 64     | 6.9      | 57       | 47       |       |          |                                       |
| 5 A         | 25            | 32   | 27    | 39          | 47             | 34               | 66       | 67       | 59       | 46       | 34    | 31       |                                       |
| 59          | 2.2           | 27   | 32    | 42          | 49<br>46       | 57               | 67<br>69 | 66<br>65 | 64<br>55 | 52<br>50 | 39    | 27<br>31 | 23<br>25                              |
| - 60        | 'z <b>5</b> " | 30l  | 33    | 41          | -              | 57               |          |          |          |          |       |          |                                       |
| Į           | :             | i    |       | ·<br>•<br>• | <br>           |                  |          |          |          |          |       |          |                                       |
| : <br>-     | 23            | 21   | 26    | 33          | 41             | <u>52</u>        | 57       | . 64     | 54       | 42       | 30    | 25       |                                       |
| - #         | +<br>F        | •    |       | - ;         |                |                  | www.     |          |          |          |       |          | · · · · · · · · · · · · · · · · · · · |
| <u>;</u> ;  |               |      | -+    |             |                | - <del>-  </del> |          |          |          |          |       |          |                                       |
| MEAN        | 25.6          | 27.6 | 30.5  | 39.1        | 49.2           | 56.4             | 65.0     | 67.8     | 59.2     | 47.7     | 36.7  | 29,4     | 25.1                                  |
| WEWIA       |               |      |       | 3.583       | 7.350          | 2.987            |          |          | 2.940    |          | 4.030 | 3.081    | 2,183                                 |
| S D         | 2442          |      |       |             |                |                  |          |          |          |          |       |          |                                       |

USAF ETAC FORM 0-88-5 (OU)

### **EXTREME VALUES**

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

43311 STATION TUKYU LAP JAPAN STATION NAME

46=60\_\_\_\_\_

\_\_\_\_

WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

| MONTH<br>YEAR  | JAN      | FEB    | MAR               | APR    | MAY                                    | NUL               | JUL                            | AUG.                                   | SEP      | ост  | NOV      | DEC                  | ALL<br>MONTHS |
|----------------|----------|--------|-------------------|--------|--|-------------------|--------------------------------|--|----------|------|----------|----------------------|---------------|
| 40             |          |        |                   |        | -                                      |                   |                                |  | 56<br>19 |      |          |                      | MIN TEM       |
| 4.1            |          | •      |                   |        |  | !                 |                                |  |          |      | 34<br>29 |                      | MIN TEM       |
| 51             | •        |        |                   |        |  | 61                |                                |  |          |      |          |                      | MIN TEM       |
| 5 d            | ه        | _      |                   |        |  |                   | 66<br>30                       |  |          |      |          |                      | MIN TEM       |
|                |          |        |                   |        |  | •                 |                                |  | :<br>:   |      |          |                      |               |
|                |          | _      |                   |        |  | ا<br>استند – در • |                                | <br> <br>                              | i<br>1   | <br> |          |                      |               |
|                |          | _      |                   |        |  |                   |                                |  |          |      |          |                      |               |
|                | i        |        |                   |        |  | 1                 |                                |  |          |      |          |                      |               |
| }              |          |        | •                 |        |  |                   |                                |  | !<br>!   |      |          |                      |               |
|                | •        |        |                   |        |  |                   |                                |  | 1        |      |          |                      |               |
| - #            | - !      |        |                   |        |  |                   |                                |  | ;<br>;   |      |          |                      |               |
| - <del> </del> |          |        |                   |        |  |                   |                                | 1                                      |          |      |          |                      |               |
| •              |          |        | <del>.</del><br>I | ;      | ·                                      |                   |                                |  |          |      |          |                      |               |
| - <u>†</u>     | , warman |        | ;                 | †<br>! |  | <del>!</del>      |                                |  |          |      |          |                      |               |
| •              | •        |        |                   |        | i<br>I                                 | †                 |                                |  |          | 1    |          | 4 <del>- Makes</del> |               |
| MEAN 5 D       |          | 2 * z. | <del> </del>      |        | ************************************** |                   | हिन्न <del>क्र</del> ाप्ट<br>१ | ************************************** |          |      |          |                      |               |

USAF ETAC FORM 0 88 5 (OU)

DATA PRINCESSING BRANCH PSYCHROMETRIC SUMMARY USAF LTAG AIR EATER STIVICE/MAC 43311 YILY TAF JAPAY JI STATION NAME 46-60-01-72 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 \* 31 D.B. W.B. Dry Buib Wet Buib Dew Point 98/ 97 76/ 95 94/ 93 .0 - ol 92/ 91 172 521 907 89 - 1 321 88/ 87 1230 1232 85/ 85 2412 2312 2674 . 1 4204 4204 82/ 81 . 7 5,4 447 80/ 79 6129 6136 78/ 77 1,2 1,0 7375 7376 3458 2297 76/ 75 74/ 73 1.2 6512 6516 5785 6392 5893 5894 6971 6642 6647 5852 .0 7831 • 1 72/ 71 70C5 7015 7020 6064 5714 70 / 69 , 1 1, 2 1, 2 2 1.2 1.3 68/ 67 7536 7541 6458 5781 .2 1.3 1.2 7313 7314 6993 5642 7236 7239 7084 5790 66/ 65 64/ 63 .2 1.2 1.2 6779 6720 7480 6367 7320 7330 7477 6635 62/ 61 . 2 1.2 1.1 .5 • 0 . 2 . 1 . 1 • () 1.2 60/ 59 58/ 57 .0 6145 6152 6958 6456 56/ 55 5846 5849 6506 6175 .0 .0 5707 5710 5812 6037 54/ 53 - 13 • ) • 1 52/ 51 5632 5613 5335 5150 6707 6723 3799 5329 6237 6231 5827 4630 50/ 49 .8 1.1 .0 . 1 . 6 . 2 • 0 5827 48/ 47 7613 7627 6579 5172 6256 6267 6386 5090 .1 1.0 1.2 46/ 45 44/ 43 . 8 6354 6372 6440 5473 5329 5338 7042 5001 42/ 41 . 8 1.1 . 3 40/ 39 38/ 37 36/ 35 . 8 . 1 . 6 • B . 0 4351 4361 6634 5114 4044 4059 6330 5414 2450 2454 5502 5164 34/ 33 . 0 32/ 31 1413 1416 ₹, No. Obs. Mean No. of Hours with Temperature ± 0 F ≤ 32 F 267 F 273 F 280 F ≥ 93 F Total Dry Bulb

Wet Bulb

DATA PRICESSING MPANCH USAF ETAG AIR SEAT SERVICE/MAC

1

#### PSYCHROMETRIC SUMMARY

43311 THEY TAP JAPAN/FIRSHI 46-60,67-72 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 5/ 1 2814 4236 307 29 . 2 56 ٠Ŭ 1566 3730 28/ 27 •6 609 3429 26/ 25 .0 57 . 7 . 0 • 0 159 3146 24/ 23 •0 19 22/ 21 34 2882 207.19 220£ 18/ 17 1836 16/ 15 1412 14/ 13 920 615 10/ 9 447 179 5 121 61 41 54 2/ 1 32 0/\_-1 11 -7/ -3 12 TUTAL 2.422.027.01.613.6 1.5 3.2 1.2 162111 151913 . 1 • 0 æ ŝ 0.26.5 Element No. Obs. Mean No. of Hours with Temperature 132 F 267 F 273 F 280 F 293 F 126.83150.52000.2 756.0 4. Rel. Hum. 903207539 11786725 161935 10F Total 72.816.724 Dry Buib 609282194 9651706 59.514.618 162111 512.5272 81274 9 61673 61918 9 915 9 Wet Bulb 3867257 54.814.517 161941 69.0 12.7 519664055 8750 Dew Point 8125917 50-217-336 161913 456478079

DATA PROCESSING BRANCH USAF ETAC AIR MEALTER SERVICE/MAC

43311 TOKY TAP JAPAN/HORSHU

### PSYCHROMETRIC SUMMARY

| STATION          |              |       |       | ST    | TATION N    | AME          |             |              |               |  |  |  |  | YE   | ARS  |          |  |                 |          | MOI           | NTH            |
|------------------|--------------|-------|-------|-------|-------------|--------------|-------------|--------------|---------------|--|--|--|--|--|--|----------|--|-----------------|----------|---------------|----------------|
|                  |              |       |       |       |             |              |             |              |               |  |  |  |  |  |  |          |  | PAG             | i i      | HOURS I       | LL.<br>L. S. T |
| Temp             |              |       |       |       |             | WET          | BULB        | TEMPER       | ATURE         | DEPRI  | SSION  | (F)  |  |  |  |          |  | TOTAL           |          | TOTAL         |                |
| (F)              | 0            | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8       |              |             |              |               |  |  |  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31   | D.B. W.B.       | Dry Bulb |               | Dew            |
| 70/ 69           |              |       |       |       |             | <del> </del> | .0          |              | -             | i  |  | 1  |  | -  |  |          |  |                 |          |               |                |
| 68/ 67           |              |       |       | 1 1   |             |              | J • • •     | .0           |               | i  |  |  | ĺ  |  | 1  |          | İ  |                 | · ·      | Ì             |                |
| 66/ 65           |              |       |       |       |             | J-04         | <del></del> |              |               | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | <del></del>                                      | <del>  </del>                                    | ţ  |          |  |                 | 8        |               |                |
|                  | 1            | , )   | ل ا   | • 0   | .0          | .0           |             |              |               | •  | 1  | 1  | {  |  | 1 1  | . !      | ĺ  | 24              | 24       |               | !<br>!         |
| 64/ 63           |              |       | 1     |       |             |              |             |              | i             | <del>                                     </del> | <u> </u>   | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | <del>  </del>                                    |          | <del> </del>                                     |                 | 29<br>34 |               | <del>i</del> - |
| 62/ 61           |              | .0    |       | • 0   |             |              |             |              | I             | 0  |  | 1 '  | 1  | 1  |  | 1        | 1  | 34              | 34       |               |                |
| 60/ 59<br>58/ 57 |              | - 0   |       |       | -0          |              |             |              |               | ·  | <del>                                     </del> | 6  | <del> </del>                                     | <del> </del>                                     | <del>  </del>                                    |          | <del> </del>                                     | <u>47</u><br>59 | 59       |               |                |
| 56/ <b>5</b> 5   | .0           | •0    | .0    | •0    | 1 .3        | • 1          |             | .0           |               |  |  | •0   | ł  | ]  | ]  |          |  | 126             | 126      |               |                |
| 54/ 53           |              |       | .2    | • 4   | <del></del> |              |             |              |               | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> |          | <del></del>                                      | 189             | 189      |               |                |
| 52/ 51           |              | •0    | 4     |       | 1           | . 2          |             | • 1          |               |  |  |  | İ  | ļ !  | i l  |          |  | 348             | 348      | 52            |                |
| 50/ 49           | <u>.</u> 0   |       |       |       |             |              | 4           | .1           | _             | <b> </b>   |  | <del> </del>                                     | <del> </del>                                     | 1  |  |          | <del>                                     </del> | 731             | 733      |               |                |
| 48/ 47           | • 1          | . 8   |       |       |             |              | • 4         |              |               |  | 1  | l  |  |  |  |          | İ  | 910             | 910      |               |                |
| 46/ 45           |              |       |       | 1 1 1 |             |              | 3 5         | • 0          |               | <del>                                     </del> |  | <del> </del>                                     | <del>                                     </del> | 1  |  |          |  | 1394            |          |               |                |
| 44/ 43           | • 1          | 1.8   |       | 2.9   |             | 1.3          |             | .0           |               |  |  |  |  |  |  |          |  | 1414            | 1417     | 1 .           |                |
| 42/ 41           | - 2          |       |       | 3,1   |             | 1.2          | -           |              | !             | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     |  | <del>  </del>                                    |  |          |  | 1520            | 1620     | $\overline{}$ |                |
| 40/ 39           | • L          | 2.5   |       |       |             | 1.5          |             |              |               |  | 1  | ł  |  | '  | ) j  | į i      |  | 1501            | 1502     |               |                |
| 36/ 37           | 3            |       |       |       |             | .1           | 7           |              |               | <u> </u>   | <b>†</b>   | t  | 1  | 1  | 1  | i ———    |  | 1363            |          | <del></del>   |                |
| 36/ 35           | . 6          |       |       |       |             | ,            | 1           |              |               |  |  |  |  | '  |  |          |  | 1360            | 13/8     |               |                |
| 34/ 33           |              |       |       |       |             |              | 1           | t            | $\overline{}$ |  | <u> </u>   | <del>                                     </del> | $\vdash$   | <del>                                     </del> | 1  |          |  | 390             | 890      |               |                |
| 32/ 31           | . 2          |       |       | .,    | 1           |              | 1           | Ì            | 1             |  |  | 1  | }  | 1  | 1  | <b>,</b> | 1  | 632             | 632      |               |                |
| 30/ 29           | ع <u>ه د</u> |       | 4-3-4 |       | <del></del> | 1            | <b>†</b>    | <del> </del> |               | 1  |  | 1  | <del>                                     </del> | $\vdash$   |  |          | $\vdash$   | 247             | 248      |               |                |
| 28/ 27           | • • •        | 4     |       |       | 1           |              | 1           |              | 1             |  |  |  |  |  |  |          |  | 102             | 102      |               |                |
| 26/ 25           |              | . ?   | +     |       | $\vdash$    |              |             |              |               |  |  |  |  | T  |  |          |  | 40              |          |               |                |
| 24/ 23           | . (          |       |       | ,     |             |              |             | 1            |               |  |  |  |  |  |  | 1        |  | 15              | 15       | 1             |                |
| 22/ 21           |              |       |       | 1     | 1           |              | 1           |              | i             |  |  | 1  |  | T  | 1  |          |  | 1               | Γ——      | 21            |                |
| 20/ 19           |              | '     |       |       |             | i            |             |              | 1             |  |  |  | 1  | 1  |  | 1        |  | ļ               |          | 4             |                |
| 18/ 17           |              |       |       |       | 1           |              | 1           | <b></b>      |               | T  |  | T  |  | T  |  |          |  | 1               |          | T             | 6              |
| 16/ 15           |              | 1     | 1     | } '   | 1           |              | 1           | 1            |               |  |  | 1  | 1  | 1  | 1 1  |          | ١  | 1               |          |               | 4              |
| 14/ 13           |              |       | [     | i     |             |              | 1           | $\Gamma$     |               | Ī  |  |  | Ī  |  |  |          |  |                 |          |               | 2              |
| 12/ 11           |              | 1     |       |       |             |              |             |              | į             |  |  |  |  | 1  |  |          | ļ  | ļ               |          |               | 1              |
| 10/ 5            |              | ļ     |       | 1     | T           |              | Ī           |              |               |  |  |  |  |  |  |          | T  |                 |          |               | ī              |
| 8/ 7             |              |       |       | İ     |             |              |             |              | 1             | !  |  | 1  |  | 1  |  |          | l  |                 |          |               |                |
| 6/ 5             |              |       |       |       |             |              |             | Г            |               |  |  | 1  |  |  |  |          | T  |                 | ĺ        | 1             |                |
| 4/ 3             |              |       |       |       | 1           |              |             | L            | <u>L</u>      |  | <u> </u>   |  |  | <u></u>  | <u> </u>   | L        |  |                 |          | L             |                |
| Element (X)      |              | Σχ²   |       |       | ΣX          |              | X           | ₹ ×          | $\Box$        | No 0   | bs.  |  |  |  | Mean t   | to. of H | ours wif   | th Tempera      | ture     |               |                |
| Rel. Hum.        |              |       |       |       |             |              |             |              |               |  |  | ⊴ 0  | F  | ± 32 F   | ≥ 67   | F I      | ₹ 73 F   | ≥ 80 F          | ≥ 93     | F             | Total          |
| Dry Bulb         |              |       |       |       |             |              |             |              | I             |  |  |  |  |  |  |          |  |                 |          | [_            |                |
| Wet Bulb         |              |       |       |       |             |              |             |              |               |  |  |  |  |  |  |          |  |                 |          |               |                |
| Dew Point        |              |       |       | 1     |             |              |             | T            |               |  |  |  |  |  | 1  |          |  | 1               |          |               |                |

47-60,68-72

PATA PROCESSING "RANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR SEAT EK SERVICETTIAC 43311 FEIR YOU TAP JAPAN / FOR SHITTED STATION NAME 47-60,60-72 JAI YEARS PACE Z ALL HOURS (L. S. Y.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 , 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 2/ 1 8 0/ -1 -2/ -3 -4/ -5 13157 TUTAL 2.518.427.025.516.7 7.2 2.4 13166 .0 • 0 • 0 13156 a 0.26-5 (OL 2x 824994 No. Obs. Element (X) ΣX x \*x 62.717.706 Mean No. of Hours with Temperature USAFETAC 55865560 13154 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F = 93 F Total Rel. Hum. ≤ 0 F 541425 41.1 6.292 22786225 13166 58.6 744 Dry Bulb 476901 36.2 5.743 373745 24.4 8.791 Wer Bulb 17720103 13157 205.3 744 11447979 13151 764 Dew Point .5 496.6

6

DATA PRUFFSSING BRANCH USAF ETAL AIR 'EATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

| 3311<br>STATION  | . 111      | <u></u>  | IAP          | 51<br>51     | ATION N      | AME          |  |              |  | 7.1.2      | 60.61         | -12   |         | Y              | ARS          |  |               |               |                |              | <u>१- ३</u><br>गरम |
|------------------|------------|--|--------------|--------------|--------------|--------------|--|--------------|--|------------|---------------|-------|---------|----------------|--------------|--|---------------|---------------|----------------|--------------|--------------------|
|                  |            |  |              |              |              |              |  |              |  |            |               |       |         |                |              |  |               | PAC           | t 1            | HC URS (     | LL<br>L. S. T.)    |
| Temp             |            | WET BULL TEMPERATURE DEPRESSION (F)  0 1.2 3-4 5.6 7.8 9.10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 31 |              |              |              |              |  |              |  |            |               |       |         |                |              |  | TOTAL         |               | TOTAL          |              |                    |
| (F) [            | 0          | 1 - 2  | 3 - 4        | 5 - 6        | 7 - 8        |              |  |              |  |            |               |       | 23 - 24 | 25 - 26        | 27 - 28      | 29 - 3   | 0 + 31        |               | Dry Bulb       | Wet Bulb     | Dew Po             |
| 70/ 69           |            |  |              |              | , 1)         |              |  |              |  |            |               |       |         |                |              |  |               | 3             | 1              |              |                    |
| 58/ 67           |            |  | 2.           |              | .1           | 0            | ٥٠   |              |  | 0          | 0             |       |         |                | <u> </u>     |  | <u> </u>      | 1 19          | 18             | <u> </u>     |                    |
| 66/ 65           |            | .0   | • ()         |              | - 0          | .1           | 0.   |              |  | •0         | · c           | - 1   |         | l              | Į .          | [  | 1             | 20            | 20             | ( )          |                    |
| 4/ 63            |            |  | 1            | <u> </u>     | - ()         | 1            | 0  | 0            | <b></b>  |            |               |       |         | <del> </del>   |              |  |               | 44            | +              | 4            |                    |
| 2/ 61            |            | • 9  | • 1          | • 1          | • 1          | . 1          |  |              |  |            |               | ļ     |         | i              |              | 1  | İ             | 32            |                |              |                    |
| 0/ 59            |            | - 2  | 1            | ز .          |              | 2            | 1  |              |  |            |               |       |         |                | <del> </del> | ļ  | -             | 1.5           |                |              |                    |
| 8/ 57            |            | • 1  | • 2          | 1            |              |              |  | 1            |  |            |               |       |         | 1              |              |  |               | 134           |                |              |                    |
| 6/ 55            |            | 1  | 2<br>_5      | -4           | .4           |              |  | <u> </u>     | .0   |            |               |       |         | ┼──            |              |  | <del></del> - | 274           |                |              |                    |
| 52/ 51           | • 0        |  | . 4          |              | - 8          |              | l .  |              | • •  |            | 1             | -     |         | 1              |              | •  | 1             | 368           |                | 159          |                    |
| 0/ 49            | • 1        | .6   |              |              |              |              |  |              |  |            |               |       |         | 1              | <del> </del> |  | +-            | 637           | 636            |              |                    |
| 8/ 47            |            |  | 1.4          | 1.5          | 1.3          | 8            |  |              |  |            |               | 1     |         | 1              |              | 1  | 1             | 801           |                |              | l î                |
| 6/ 45            | . 3        | 1.9  | 2.4          | 2.2          | 1.7          |              |  | • 0          |  |            |               |       |         | 1              |              |  |               | 1201          |                |              |                    |
| 4/ 43            | 2          | 1.3  | 2.7          | 2.7          | 2.03         | 1.3          |  |              | 1  |            |               | Ì     |         |                |              |  | _l            | 1261          |                | 1 . 1        | 3                  |
| 2/ 41            | • 2        | 2.4  | 3.5          | 2.9          | 2.1          | 1.1          | 1  | !            |  |            | ]             | ì     |         | }              | 1            | 1  |               | 1477          | 1487           | 887          | 4                  |
| 0/ 39            | 3          |  | 3.1          | 2.0          | 1.8          |              |  | 0            | <u></u>  |            |               |       |         | <u> </u>       |              | ļ  |               | 1206          | 1274           | 1223         |                    |
| 18/ 37           | . 3        | 2.1  | 3.0          | 2            | 1.4          |              |  | ĺ            | ,  |            | ll            |       |         | l              | 1            |  | 1             | 1181          | 1              |              |                    |
| 36/ 35           | 5          |  | 3.4          |              |              |              | ¥  |              | <del> </del> -                                   |            |               |       |         | <del> </del>   |              |  |               | 1246          |                |              |                    |
| 34/ 33           | • 7        |  | 1.7          | 2.1          | . 5          |              |  |              |  |            |               |       |         |                |              |  |               | 886           |                |              |                    |
| 32/ 31<br>30/ 29 |            | 1.00   | 1.2          | 1.1          | 2            | 1            | <del> </del>                                     |              |  |            | <del>  </del> |       |         | <del></del> -  | <del> </del> |  | -             | 484           |                |              |                    |
| 28/ 27           | 4.2<br>1 - | .4   | 3            | . 3          | • 1          | 1            | 1  |              |  |            | } }           | 1     |         | ł              | 1            | }  | 1             | 199           | 1 '            | 1 1          |                    |
| 26/ 25           |            | .0   | .5           |              |              |              | <del> </del>                                     |              |  |            |               |       |         |                | <del> </del> | <del> </del> -                                   | -             | <del></del> - | 6              | 7.5          |                    |
| 4/ 23            |            | 0 ا  | 0            |              | 1            |              |  |              |  |            |               |       |         |                |              |  | 1             |               |                | 44           |                    |
| 22/ 21           |            | υ.   |              | ·            |              |              |  |              |  | <u> </u>   |               |       |         | 1              |              |  |               |               | 5              | 9            | Ţ                  |
| 20/ 19           |            | <u> </u>   |              |              | ļ            |              | <u> </u>   |              | <u> </u>   |            | Ll            |       |         | J              | <u> </u>     | Ĺ  |               | <u> </u>      |                | 5            | 5                  |
| 8/ 17            |            |  |              |              |              | i            | 1  |              | l  |            |               |       |         | 1              |              |  | 1             | 1             |                | 1            | 4                  |
| 6/ 15            |            |  |              | ļ            |              |              | <del> </del>                                     | <u> </u>     | <u> </u>   | <u> </u>   | ļl            |       |         | ļ              |              | <u> </u>   | _             | <del> </del>  | <b>↓</b>       | <del> </del> | 4                  |
| 4/ 13            |            | 1  |              |              | ļ            | 1            | ļ  | ļ            | }  | 1          |               | - 1   |         | ļ              |              | 1  |               | 1             | ļ              | (            | 5.                 |
| 2/ 11            |            |  | <del> </del> | <del> </del> |              | <del> </del> | <del> </del>                                     | <del> </del> |  | <b> </b> - | <del>  </del> |       |         | <del> </del> - | <del> </del> | <del> </del>                                     |               | -             | ╁              | <del> </del> | 1-2                |
| 3/ 7             |            | 1  | 1            | 1            | 1            | }            | }  | 1            |  | 1          |               | 1     |         | 1              |              |  |               |               |                | 1            | 1                  |
| 6/ 2             |            | <del> </del>   | <u> </u>     | <del> </del> | <del> </del> | <del> </del> | <del>                                     </del> |              | <del>                                     </del> | <u> </u>   |               |       |         | +              | <del> </del> | <del>                                     </del> |               | <del> </del>  | <del> </del> - | 1            |                    |
| 4/ 3             |            |  |              | ]            |              |              |  |              |  |            |               |       |         | 1              | 1            | 1  |               | İ             | 1              | 1            | ]:                 |
| lement (X)       |            | ZX'  |              | 1            | ZX           | · T          | X  | •,           |  | No. Ol     | )s.           |       |         |                | Meon         | No. of   | Hours wi      | th Tempera    | llure          |              |                    |
| Rel. Hum.        |            |  |              |              |              |              |  |              |  |            |               | ± 0 1 | T       | ± 32 F         | ≥ 67         | F  | ≠ 73 F        | ≥ 80 F        | × 93           | F            | Total              |
| Dry Bulb         |            |  |              |              |              |              |  |              |  |            |               |       | $\Box$  |                |              |  |               |               |                |              |                    |
| Wer Bulb         |            |  |              | ]            |              | _ _          |  |              |  |            |               |       | $\Box$  |                |              |  |               |               |                |              |                    |
| Dew Point        |            |  |              | [            |              | - 1          |  | l            | - 1  |            | - 1           |       | - 1     |                | 1            | - 1  |               |               | - 1            | 1            |                    |

FORM 0.26-5 (OLA) RIVISED MEYOUS EDITIONS OF THIS FORM ARE OBSOLES

SAFETAC FOLM

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR YEATHER SERVICE/HAC 4331 TORY: TAP JAPAN/HINSHU 47-60-68-72 WET BULB TEMPERATURE DEPRESSION (F)

O 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 2/ 1 -2/-3-4/ -5 TUTAL 11984 11989 11989 ₹ 0.26-5 (OL Element (X) Mean No. of Hours with Temperature 132 F 267 F 273 F 280 F 293 F Rel. Hum. 52386781 760355 11989 63.418.638 Dry Bulb 21662733 504605 41.8 6.833 12068 43.3 672 Wet Bulb 16869277 37.0 6.343 11989 174.1 443241 672 Dew Point 11368399

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR . EATHER SELVICE/MAC 43311 TULY TAP JAPAN/HINSHU STATION NAME 47-60,67-72 PACE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 72/ 71 • ol .0 70/ 69 68/ 67 .0 .0 .0 31 31 . 1 66/ 65 Ωء · O 97 97 . (1 190 18 64/ 63 .0 190 • 5 • 0 62/ 61 285 285 78 26 60/ 59 454 121 88 456 58/ 57 482 95 482 250 315 56/ 55 179 1.0 664 664 54/ 53 381 1.7 52/ 51 1.9 1.2 .0 1028 1028 576 290 1.1 1.4 869 50/ 49 407 1418 1418 48/ 47 2.0 2.5 2.0 1.3 1.0 1376 1376 1081 627 1733 1356 854 46/ 45 1733 44/ 43 1321 1321 1373 948 2.6 1.9 1.9 1.1 1.1 42/ 41 1264 1214 1472 1035 2.1 1.5 40/ 39 38/ 37 .2 1.9 2.1 1.5 1.4 .0 1069 1069 1340 992 1358 1043 766 7116 36/ 35 .2 1.2 1.2 1.3 .0 660 668 1243 1023 1015 34/ 33 275 919 711 32/ 31 126 126 895 . 1 719 30/ 29 34 34 419 28/ 27 . 0 • 0 214 568 26/ 25 556 .0 2: 24/ 23 509 22/ 21 498 20/ 19 431 379 16/ 15 301 282 14/ 150 12/ 11 10/ 115 8/ No. Obs. Σχ² Zχ Mean No. of Hours with Temperature Element (X) ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 10F ≤ 32 F Rel. Hum. Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

| 43311<br>STATION          |     | KYL.     |              | S            | TATION N       | IAME         |              |          |              |              |              |              |        | YE             | ARS          |                |              |  |              | мо   | AR                                     |
|---------------------------|-----|----------|--------------|--------------|----------------|--------------|--------------|----------|--------------|--------------|--------------|--------------|--------|----------------|--------------|----------------|--------------|--|--------------|--|--|
|                           |     |          |              |              |                |              |              |          |              |              |              |              |        |                |              |                |              | PAG  | E Z          | HOURS  | LL.<br>5.                              |
| Temp.                     |     |          |              |              |                |              | BULB 1       |          |              |              |              |              |        |                |              |                |              | TOTAL  |              | TOTAL  |  |
| (F)                       | 0   | 1 - 2    | 3 - 4        | 5 - 6        | 7 - 8          | 9 - 10       | 11 - 12      | 13 - 14  | 15 - 16      | 17 - 18      | 19 - 20      | 21 - 22 2    | 23 - 2 | 4 25 - 26      | 27 - 28      | 29 - 30        | ≥ 31         | D.B. W.B.  | Dry Bulb     | Wet Bulb   | Dew                                    |
| 4/ 3                      |     |          |              |              |                | 1            | 1            |          |              |              |              |              |        |                |              |                |              | 1  | !            | !  |  |
| 2/ 1                      |     |          |              |              | <del> </del>   | <del> </del> | <u> </u>     |          |              | <del> </del> |              |              |        | -              |              |                | <u> </u>     | <del> </del>                                     |              | <del> </del>                                     | <b>├</b> ─                             |
| 0/ -1                     |     |          |              |              |                | Ì            | !            |          | -            | <b>.</b>     | <u> </u>     |              |        |                | - 1          |                |              |  | ļ            | ļ  | ļ                                      |
| <del>-2/-3</del><br>-4/-5 |     |          |              |              |                |              | ┼            |          |              | ├            |              |              |        |                |              |                | ┼─           | <del> </del>                                     | <del> </del> | <del> </del>                                     |  |
| TOTAL                     | 2 6 | 20. 6    | 24 7         | 22 1         | 1 5 5          | 2 0          | 3.8          | , ,      |              | , ,          | ٠.           | i            |        | 1              |              |                | 1            | 1  | 14287        | .)   | 142                                    |
|                           |     | ZUAU     | 23.4.1       | CE.8.1       | نعصي           | 4_843        | 2.200        | 100      |              | 1            |              |              |        |                |              |                | _            | 14287  |              | 14288  |  |
| 1 1                       |     |          |              | ]            | İ              |              | 1            |          |              |              |              |              |        |                |              |                |              | 17201  | ļ            | 14200  | Ί                                      |
|                           |     |          |              | Ĭ            |                |              |              |          |              |              |              |              |        |                |              |                | 1            | <del>                                     </del> | 1            |  | i                                      |
|                           |     |          |              |              | <u></u>        |              | <u></u>      | L        | <u></u>      | <u></u>      |              |              |        |                |              |                | <u> </u>     |  |              |  |  |
|                           |     |          |              |              |                |              | 1            | 1        |              |              |              |              |        |                |              |                |              |  |              |  | ]                                      |
|                           |     | L        |              |              | <u> </u>       | <del> </del> | ļ            |          |              | <u> </u>     | <u> </u>     |              |        |                |              |                | ļ            | <del> </del>                                     |              | <u> </u>   | <u> </u>                               |
| 1                         |     |          |              | ĺ            | 1              |              | 1            |          | 1            | 1            | 1            | 1            |        |                |              |                | Ì            |  | 1            | 1  | 1                                      |
| <b></b>                   |     |          |              | ļ            | ļ              | <del> </del> | ــــــ       | <u> </u> | <u> </u>     | <b>├</b>     |              |              |        |                |              |                | <u> </u>     | <del> </del>                                     | <u> </u>     | <del> </del>                                     | <del> </del>                           |
| 1                         |     |          |              |              | ì              |              | 1            |          | i            | 1            |              |              |        |                |              |                |              |  | ĺ            |  | 1                                      |
|                           |     |          |              | <del> </del> | <del>-</del>   |              | <del> </del> |          |              | <del> </del> | <del> </del> |              |        |                |              | -              | <del> </del> | <del></del>                                      | <del> </del> | <del> </del>                                     | -                                      |
| 1                         |     |          |              |              |                |              |              |          |              | 1            |              |              |        |                |              |                | }            |  |              |  |  |
| <u> </u>                  |     |          |              |              | <del> </del> - |              |              |          | <del> </del> |              |              |              |        |                |              | <del> </del> - | -            | ┥───   | <del> </del> | <del> </del>                                     | ┼                                      |
| 1 !                       |     | ļ .      |              | !            |                | !            |              | •        | 1            | 1            | ļ            | [ [          |        |                |              |                | -            | 1  | ļ            | -  | 1                                      |
| 1                         |     | <b>-</b> |              | ├─-          | <del> </del>   | -            | <del> </del> |          | <del> </del> |              |              |              |        | +              |              |                | ┼            | <del> </del>                                     | ├            | <del>                                     </del> | ┼                                      |
|                           |     | İ        |              |              |                | 1            |              |          |              |              |              |              |        |                |              |                | 1            | Ì  | ŀ            |  |  |
|                           |     |          |              | 1            | 1              | <u> </u>     | <del> </del> |          | 1            |              |              |              |        | 1              |              | _              | _            | 1  |              |  | 1                                      |
|                           |     |          |              |              | 1              |              |              |          |              |              | ļ            |              |        |                |              |                |              | 1  | i            |  |  |
|                           |     |          |              |              |                |              |              |          |              |              |              |              |        |                |              |                |              |  |              |  |  |
|                           |     |          |              | <u>L</u>     |                |              | <u> </u>     |          | <u> </u>     | <u> </u>     | <u> </u>     |              |        |                |              |                | .l           |  | <u> </u>     | 1  |  |
|                           | _   |          | Ì            |              |                | _            |              |          |              |              |              | i            |        |                |              |                |              |  |              | 1  | 1                                      |
|                           |     |          |              | <del> </del> | <u> </u>       | ļ            | ļ            |          | ļ            | <b></b>      |              |              |        |                |              |                | <u> </u>     | <u>. </u>  | <u> </u>     | <del> </del>                                     | <del> </del>                           |
|                           |     |          |              |              |                |              |              | i        |              |              |              |              |        | 1              |              |                |              |  |              |  |  |
|                           |     |          |              | ļ            | ļ              | <del> </del> | ↓            | <b> </b> | <del> </del> |              | <del> </del> | <b>  </b>    |        |                |              | <b> </b>       | ┼—           | <del> </del>                                     | ļ            | <del>  </del>                                    | <del> </del>                           |
| }                         |     |          |              |              |                |              | 1            |          |              |              |              |              |        | 1              |              | •              |              | 1  |              |  | 1                                      |
| I                         |     |          | <del> </del> | -            |                |              | <del> </del> |          | <del> </del> |              | -            | <del> </del> |        | <del> </del> - | <del> </del> | <del> </del>   |              | <del>- </del>                                    | <del> </del> | <del> </del>                                     | +                                      |
|                           |     |          |              |              | 1              | 1            |              |          | 1            |              | 1            | 1            |        | 1              |              | 1              |              |  |              |  | 1                                      |
| Element (X)               |     | Σx'      | <u> </u>     | <del> </del> | ZX             | <del>'</del> | X            | - ·      |              | No. O        | bs.          | ·            |        |                | Mean         | No. of F       | lours wi     | th Tempera                                       | ture         |  | ــــــــــــــــــــــــــــــــــــــ |
| Rel. Hum.                 |     | 6642     | 6314         | <del></del>  | 9350           | 122          | 65.4         |          |              | 142          |              | ± 0 F        | -      | ≤ 32 F         | ≥ 67         |                | ≥ 73 F       | ≥ 80 F   |              | F  | Total                                  |
| Dry Bulb                  | _   | 3215     | 1902         | ,            | 6694           |              | 46.9         | 7.0      | 00           | 142          |              |              | $\top$ | 9.0            |              | 7              |              | T  | -            | $\neg$   |  |
| Wet Bulb                  |     | 2573     |              |              | 597            |              | 41.8         | 7.3      | 158          | 142          |              |              |        | 75.0           |              |                |              |  |              |  |  |
| Dew Point                 |     | 1906     |              |              | 4971           |              | 34.8         |          |              | 142          |              |              | 6      | 287.8          |              |                |              |  |              |  |  |
|                           |     |          |              |              |                |              |              |          |              |              |              |              |        |                |              |                |              |  |              |  |  |

77.5

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SERVICE/MAC 43311 TUKY! JAP JAPAN/HINSHI) 47-60,67,69-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 82/ 81 80/ 79 78/ 77 76/ 75 36 70 74/ 73 70 72/ 71 152 152 70/ 69 281 281 68/ 67 441 441 1. • 0 66/ 65 .6 666 666 64/ 63 961 961 297 181 1.6 2.3 2.6 2.4 3.2 2.6 1209 1209 583 62/ 61 262 1584 1592 920 455 2.8 2.6 1.9 58/ 57 1414 1415 1180 56/ 55 1483 1018 1354 54/ 53 2.7 2.0 1.9 1188 1188 1331 1153 52/ 51 982 983 1031 2.1 1.9 1.5 . 6 1329 1209 50/ 49 1014 1015 48/ 47 631 1239 1047 . 2 46/ 45 1.1 1.0 1.0 493 493 1023 44/ 43 287 287 766 810 42/ 41 .5 228 231 562 831 • 2 40/ 39 459 628 83 257 38/ 37 25 608 25 131 36/ 35 552 34/ 33 416 32/ 31 317 30/ 29 225 28/ 27 26/ 25 116 24/ 23 104 22/ 21 122 20/ 19 18/ 17 33 16/ 15 No. Obs. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. ±0 F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

|              |       |  |                |              |                |                |                     |         |              |                |  |              |              |  |  |         |                | PAG  | Ł 2            | HOURS             | LL             |
|--------------|-------|--|----------------|--------------|----------------|----------------|---------------------|---------|--------------|----------------|--|--------------|--------------|--|--|---------|----------------|--|----------------|-------------------|----------------|
|              |       |  |                |              |                |                |                     |         |              |                |  |              |              |  |  |         |                |  |                |                   | (. S. T.)      |
| Temp.<br>(F) | 0     | 1 - 2  | 2.4            | 5.4          | 7 0            | WET            | BULB 1              | EMPER   | ATURE        | DEPRI          | 3510N (  | F)           | 22 24        | 25 26                                  | 22 20  | 20 20   | 1 - 21         | TOTAL<br>D.B. W.B.                               | Dev Bulb       | TOTAL<br>Wet Bulb | Daw Par        |
|              |       | 1-4  | 3.4            | 3.0          | /              | 7.10           | 11.12               | 13 - 14 | 13 - 10      | 17 - 18        | 17 - 20  | 21 . 22      | 23 - 24      | 23 - 20                                | 27 - 28  | 27 - 30 | 1 - 31         |  | Diy Dois       | ## DOID           |                |
| 14/ 13       |       |  |                |              | İ              |                |                     |         | ľ            | •              | İ  |              |              |  |  |         |                |  |                |                   | 1              |
| 17/11        | 3 8   | 21.2   | 27 0           | 21.0         | 1 4 5          | 0 /            | 4.6                 | ) 9     |              | ļ              | <b>—</b>   | • ()         | .0           |  | <del>  </del>                                    |         | <del> </del> - |  | 13148          |                   | 1313           |
|              | 2 , 0 | v * • ~  | 2 2 0          | 2100         | 1.700          | 0.4            | 7.4                 | 4.6     | • •          | 7              | ••   | • 17         | • 0          |  | 1  |         |                | 13133  | 12140          | 13133             | 1515           |
|              |       |  |                |              |                |                |                     |         |              |                |  |              |              |  |  |         | 1              |  |                |                   |                |
|              |       |  |                |              |                |                |                     |         |              | <u> </u>       | <u> </u>   |              |              |  |  |         |                |  |                |                   |                |
|              |       |  |                |              |                | 1              |                     |         |              |                |  |              |              |  |  |         |                |  |                |                   | ]              |
|              |       |  |                |              |                |                |                     |         |              | <u> </u>       |  |              |              |  |  |         |                |  |                | <u> </u>          | <u> </u>       |
| 1            |       | l  | ĺ              |              | ļ              | Į              | l i                 |         | (            | l              |  |              |              | l                                      |  |         |                |  |                | Į                 | 1              |
|              |       |  |                |              |                | <del> </del>   | <u> </u>            |         | <u> </u> _   |                |  |              |              | L——                                    | <del>                                     </del> |         | <del> </del>   |  |                | <u> </u>          |                |
| ļ            |       |  |                |              |                |                |                     |         |              | 1              |  |              |              |  | }  |         |                |  |                | {                 |                |
|              |       |  |                |              |                |                |                     |         | <del> </del> | <del> </del> - | <b> </b>   | <u> </u>     |              | <u> </u>                               | <del>  </del>                                    |         | <del> </del>   |  |                | <u> </u>          | <del> </del>   |
| - 1          |       | ļ  |                | ļ            |                |                | ( )                 |         | ļ            | 1              |  |              |              |  | 1 1  |         | 1              |  |                | ļ                 | ļ              |
|              |       |  |                | <del> </del> | <del> </del> - | <del> </del>   |                     |         |              | <del> </del>   | <del> </del>                                     | <b> </b> -   |              |  | <del>  </del>                                    |         | <del> </del>   |  | <b> </b> -     |                   | <del> </del>   |
|              |       | ļ  | !<br>!         |              |                | ļ              |                     |         |              | 1              | <b>!</b>   |              |              | 1                                      | {  |         | {              |  |                | <b>\</b>          | 1              |
|              |       | <u> </u>   | <del> </del> - | <del> </del> | <del> </del> - |                |                     |         |              | <del> </del>   | <del> </del>                                     |              |              |  | <del>  </del>                                    |         | <del> </del> - |  | <del> </del>   | <del> </del>      | <del> </del>   |
| Ī            |       |  |                |              |                | 1              | 1                   |         |              | 1              |  |              |              | l                                      |  |         | ĺ              |  |                |                   |                |
|              |       | <del>                                     </del> | <del> </del>   | <del> </del> | <del> </del>   | <del> </del>   | <del></del>         |         | <del> </del> | <del> </del>   |  | -            |              |  |  |         | <del> </del>   | <del>                                     </del> |                | <del></del>       | <del> </del>   |
| ŀ            |       |  |                |              |                | 1              |                     |         |              | Ī              |  |              |              |  |  |         | 1              |  | ]              |                   | 1              |
|              |       |  | <del> </del>   | !            |                | 1              |                     |         |              | !              | <del>                                     </del> |              |              |  |  |         | 1              |  |                |                   | 1              |
|              |       | İ  |                |              |                | ļ              | 1                   |         |              | 1              |  |              |              |  |  |         | 1              | i  | İ              |                   | l              |
|              |       |  |                |              |                |                |                     |         |              |                |  |              |              |  |  |         |                |  |                |                   | 1              |
|              |       |  | <u> </u>       |              |                |                |                     |         | <u> </u>     |                |  | <u> </u>     |              |  | <u> </u>   |         | <u>.</u>       |  |                |                   |                |
|              |       |  |                |              | 1              |                |                     |         |              |                | -  |              |              |  |  |         | Ī              |  |                |                   |                |
|              |       |  |                |              |                |                |                     |         | <u> </u>     |                | <u> </u>   |              |              |  | <u> </u>   |         | <u> </u>       |  |                | <u> </u>          |                |
| Ì            |       |  |                |              | l              | Ì              | ] [                 |         |              | 1              | 1  |              |              | Ì                                      | 1 1  |         | 1              | l  |                | 1                 | 1              |
|              |       |  |                |              |                |                | ļ                   |         |              |                |  |              |              |  | 1  |         | ↓              | <u> </u>   |                |                   | ļ              |
| į            |       | 1  |                |              |                |                |                     |         | 1            |                |  | ĺ            |              | ĺ                                      | 1 1  |         | 1              | l  | l              | l                 |                |
|              |       | <del> </del>                                     | <del> </del>   | ļ            | <u> </u>       | <u> </u>       | ļ                   |         | <del> </del> | ļ              | ļ  | <u> </u>     |              | Ļ                                      | <del>  </del>                                    |         | <del> </del>   |  | <b> </b> -     |                   | ļ              |
| ļ            |       | 1  | ļ              | 1            |                | 1              |                     |         | 1            | 1              | 1  |              |              |  | l l  |         |                | ļ  |                | 1                 |                |
|              |       | <b> </b>   |                | <del> </del> | <del> </del>   | <del> </del> - |                     |         | <del> </del> |                | <del> </del>                                     | <del> </del> |              | <del> </del>                           | <del>├</del> —┤                                  |         | -              |  | <del> </del> - | <del> </del>      | <del> </del>   |
| Į            |       | ļ  |                | l            |                | Į              | [                   |         | [            | 1              | l  | ļ            | ĺ            | l                                      |  |         |                | ļ  | ļ              | Į                 |                |
| lement (X)   |       | Z <sub>X</sub> <sup>2</sup>                      |                |              | žχ             | <del>'</del>   | X                   | -,      | -            | No. O          | <u> </u>   | <u> </u>     | <u> </u>     | ــــــــــــــــــــــــــــــــــــــ | Mess N   | o. of b | dance with     | h Tempera  | ture.          | Ь.                | Total 72 72 72 |
| el. Hum.     |       |  | 1968           |              | 9296           |                |                     | 17.5    | 0.5          | 131            |  | ⊴ 0          | F            | ≤ 32 F                                 | ≥ 67   |         | ≥ 73 F         | ≥ 80 F   | * 93           | F                 | Total          |
| y Bulb       |       |  | 3673           | 1            | 7420           | 0.5            | 70.8<br>56.5        | 7.0     | 48           | 131            | 40   |              | <del>'</del> | - 32 1                                 | 54   |         | 6.2            |  | 1 -73          | <del>`- -</del>   | 72             |
| et Bulb      |       |  | 1721           | -            | 1731<br>4762   | 40             | $\frac{50.3}{51.3}$ | 6.8     | 92           |                |  |              |              | 1.0                                    |  |         |                | -  | <del>-</del>   | _                 |                |
| ew Point     |       |  | 6341           |              | 6076           | 25             | 46.3                | 74.0    | 76           | 131            |  |              | -            |  | 4  | 8       |                | <del>                                     </del> |                | _                 | 77             |

M. 64 0.26-5 (OLA) REVISED PREVIOUS ENTINONS OF 1

SAFETAC FORM

USAF ETAG AIR EAT ER SERVICE/HAC 43311 TUNY, TAP JAPAN/-- LINSHU

DATA PROCESSING BRANCH

#### PSYCHROMETRIC SUMMARY

DACE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | ≥ 31 D.B. W.B. Dry Buib Wet Buib Dew Point 90/ 89 • 0 88/ 87 86/ 85 107 107 84/ 83 84 84 103 82/ 81 • 1 103 80/ 79 201 78/ 77 76/ 75 74 209 .0 303 303 378 378 261 228 571 74/ 73 571 220 72/ 71 886 887 130 1227 1227 235 70/ 69 1.8 .0 90 2.2 68/ 67 1023 1624 1099 505 66/ 65 2.8 2.7 1731 1731 1732 877 64/ 63 1762 1765 62/ 61 3.7 3.2 1444 1446 2158 60/ 59 2.6 1298 2155 3.1 1299 1800 58/ 57 1.5 793 793 .5 2.2 • 8 1697 1793 56/ 55 509 1556 54/ 53 .6 826 1326 .0 274 274 52/ 51 958 168 168 562 50/ 49 392 653 201 48/ 47 444 41 41 46/ 45 .0 12 104 414 .0 12 42/ 41 40/ 39 17 254 117 38/ 37 66 58 36/ 35 34/ 33 34 32/ 31 30/ 29 28/ 27 18 26/ 25 6 Mean No. of Hours with Temperature ≥ 67 F ≈ 73 F ≈ 80 F Element (X) No. Obs. Rel. Hum. 10 F ≠ 32 F

47-60-67-69-72

Dry Bulb Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION     |     | Jr. I.L.   | THE          | JAPA         | TATION N     | AME         |  |         |              | 4 ( **   | טנטט.  | 0.7            | <del>= 1                                   </del> | YE           | ARS     |          |  |  |                | MO           | MTH .          |
|-------------|-----|--|--------------|--------------|--------------|-------------|--|---------|--------------|--|--|----------------|---|--------------|---------|----------|--|--|----------------|--------------|----------------|
|             |     |  |              |              |              |             |  |         |              |  |  |                |   |              |         |          |  | PAG  | £ 2            | HOURS        | L. S. T.)      |
| Temp        |     |  |              | ,            | ,            | WET         | BULB .   | TEMPER  | ATURE        | DEPRE  | SSION (I                                     | -)             |   | ,            | ,       |          | ,  | TOTAL  |                | TOTAL        |                |
| (F)         | 0   | 1 - 2  | 3 - 4        | 5 - 6        | 7 - 8        | 9 - 10      | 11 - 12  | 13 - 14 | 15 - 16      | 17 - 18  | 19 - 20                                      |                |   | 25 - 26      | 27 - 28 | 29 - 30  | ≥ 31   |  | Dry Bulb       |              |                |
| TOTAL       | 2.9 | 22.7   | 25.4         | 1 15 . 9     | 13.3         | 8.5         | 4.7  | 2.0     | .9           | .5   | . 2  | • 0            |   | ļ            |         |          | <u> </u>   | 13685  | 13695          | 13686        | 1368           |
|             |     |  |              |              |              |             |  |         | ļ            |  |  |                |   | i            |         |          |  |  |                |              |                |
|             |     |  | <del> </del> | i            |              | i           | <del>                                     </del> |         |              |  |  |                | <del></del>                                       | 1            |         | -        |  |  |                |              | †              |
|             |     |  |              |              |              |             |  |         |              |  |  |                |   |              |         |          |  |  |                |              |                |
|             |     |  |              |              |              |             | i  |         |              |  |  |                |   |              |         |          |  |  |                | Ì            | _              |
|             |     | <del> </del>                                     | <u> </u>     |              | <b> </b>     |             | <b>!</b>   |         | <u> </u>     | ļ  |  |                |   | <del> </del> |         |          |  |  |                |              | <b> </b>       |
|             |     |  |              |              |              |             | İ  |         | İ            |  |  |                |   |              |         |          |  | ĺ  |                | ļ            |                |
| i           |     | +  | <del> </del> | <del> </del> | <del></del>  |             | <del> </del>                                     |         | <del> </del> | <del> </del>                                     |  |                |   | +            |         |          |  | <del> </del>                                     |                |              | <del> </del>   |
| i           |     |  |              |              |              |             |  |         | ļ            | 1  | l  |                |   |              |         |          |  |  |                |              |                |
|             |     | <del> </del>                                     |              |              | <del></del>  |             |  |         |              |  |  |                | -   | 1            |         |          |  | <u> </u>   |                | <del></del>  | 1              |
| -           |     | -  |              |              |              |             |  |         |              |  |  |                |   |              | i l     |          | ļ  |  |                |              |                |
|             |     | 1  |              | i            | i            |             | i  |         | i            |  |  |                |   |              |         |          | 1  |  |                |              |                |
|             |     | <u> </u>   |              | <u> </u>     | <u> </u>     |             |  |         |              | <u> </u>   |  |                |   | <u> </u>     |         |          | L  | <u>L</u>   | İ              |              | <u> </u>       |
| İ           |     |  | ļ            |              | i —          |             |  |         |              |  |  |                | 1   | İ            |         |          |  |  |                |              |                |
|             |     | <u> </u>   |              |              | <u> </u>     |             | ļ  |         |              | <u> </u>   |  |                |   | <u> </u>     | ļ       |          |  | ļ  | <u> </u>       |              | <del> </del> - |
|             |     |  |              |              |              |             |  |         |              |  |  |                | ĺ   | 1            |         |          |  |  | ĺ              |              |                |
|             |     | <u></u>  |              |              | <u> </u>     |             |  |         |              | <u> </u>   |  |                |   | <del> </del> | ļ       |          | <del> </del>                                     | <del> </del>                                     | <del> </del> - |              | <del>├</del>   |
|             |     |  | 1            |              |              | ľ           |  |         |              |  |  |                | ŀ   |              |         |          |  |  |                |              |                |
|             |     | ┼──  |              | -            |              |             |  |         |              | ├─   |  |                |   | ┥            |         |          | <del> </del>                                     | <del> </del>                                     | <del> </del>   |              | <del> </del> - |
| İ           |     |  |              |              | 1            |             |  |         |              |  |  |                | 1   |              |         |          | l  | ļ  |                |              |                |
|             |     | <del>                                     </del> | $\vdash$     | <del> </del> | <del> </del> |             | <del> </del>                                     |         |              | <del>                                     </del> |  |                |   | <del> </del> |         |          | <del>                                     </del> | <del>                                     </del> |                |              | <del> </del>   |
|             |     | 1  |              |              | Ì            |             |  | 1       | 1            |  |  |                |   | 1            | 1       |          |  |  | 1              | ļ            | 1              |
|             |     |  |              |              | $\vdash$     |             |  |         |              | <u> </u>   |  |                |   |              |         |          | <b></b>  |  |                |              | 1              |
|             |     |  |              |              |              |             |  |         |              |  |  |                |   |              |         |          |  |  | L              |              |                |
|             |     |  |              |              |              |             |  |         |              |  |  |                |   |              |         |          |  |  |                |              |                |
|             |     |  | <u> </u>     | <u> </u>     |              |             |  |         | <u> </u>     |  |  |                |   | <u> </u>     | ļ       |          | ļ  | <u> </u>   | <u> </u>       |              |                |
|             |     | 1  |              |              |              |             |  |         |              |  |  |                | 1   |              |         |          | }  | ł  |                | İ            |                |
|             |     | <del> </del>                                     |              |              | <u> </u>     |             |  |         |              | <del> </del>                                     |  |                |   | <del> </del> |         | <u> </u> | <b>├</b>   | <del> </del>                                     |                | <del> </del> |                |
|             |     | 1  |              |              |              |             |  |         |              |  |  |                | i   |              |         | l        |  |  | ĺ              |              |                |
| Element (X) |     | Σx²  | <u> </u>     | <del> </del> | ZX           | <del></del> | X  | •,      | <del></del>  | No. Ol   | <u>                                     </u> |                | Ь—  |              | Mean I  | to, of H | Ques wis   | h Tempero  | ture           | L            | ٠              |
| Rel. Hum.   |     |  | 1306         |              | <u> </u>     | 22          |  |         |              | 136  |  | 10             | F   | ≤ 32 F       | ≥ 67    |          | 73 F   | ≥ 80 F   |                | F            | Total          |
| Dry Bulb    |     |  | 2069         | 1            | 8959         | 75          | 65.4   | 6.8     | 59           | 136  |  | <del>-</del> - | $\top$  |              | 302     |          | 99.6   |  |                |              | 74             |
| Wet Bulb    |     | 5027   | 3775         |              | 8251         | 79          | 60.3   | 6.1     | 68           | 136  |  |                | 一十  |              |         |          | 37.7   |  | 2              | $\neg$       | 74             |
| Dew Point   |     |  | 8052         |              | 7761         |             |  | 7 4     | 20           | 136  |  |                |   | 2.2          |         |          | 28.1   |  | <del></del>    | _            | 76             |

FORM 0.26-5 (OLA) REVISEO MEVICUS EDITIONS OF THIS FORM ARE OB-

SAFETAC FORM

DATA PRUCESSING BRANCH

AIR WEATHER SERVICE/HAC

USAF ETAC

43311 TUKY: IAP JAPAN/HINSHU STATION NAME 47-60,67,69-72 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 90/ 89 .0 .0 88/ 87 • 0 86/ 85 • ol 36 84/ 83 103 103 82/ 81 3 •0 .0 218 218 80/ 79 356 78/ 77 1.0 . 1 677 677 48 76/ 75 928 928 141 74/ 73 1.4 2.6 3.1 169 1223 1223 461 72/ 71 891 581 70/ 69 . 3 2 . 4 4.1 1.2 .0 . 1 • 0 1316 1817 1492 881 68/ 67 1854 1855 1378 5.8 3.7 66/ 65 .9 1.2 2319 1882 • 0 1560 1560 64/ 63 979 979 1976 62/ 61 2.8 1.4 670 670 1460 1743 60/ 59 . 8 ·O 970 357 358 1340 58/ 57 • 0 • 7 •0 139 139 455 938 56/ 55 239 537 66 .66 54/ 53 .0 27 132 351 52/ 51 50/ 49 107 48/ 47 46/ 45 36 42/ 41 16 40/ 39 38/ 37 2739 h 2739 Σx No. Obs. Element (X) Rel. Hum. 84585614 1026816 80.611.953 12739 267 F 273 F 280 F 293 F 12742

PSYCHROMETRIC SUMMARY

505.3 200.5 28.8

37.8

290.6

173.6

720

720

720

0.26-5

Dry Bulb

Wet Bulb

61957478

54636517

50818251

885768

832263

801769

12739

69.5 5.481

65.3 4.546

DATA PRUCESSING BRANCH USAF ETAL AIR YEATHER SERVICE/MAC 43311 TULYI TAP JAPAN/HUNSHU

#### PSYCHROMETRIC SUMMARY

1970

300

566

338

185

89

16

2

744

744

744

992 1422

1419

36cl

136

62

731

495

302

141

267 F 273 F 280 F 293 F 716.7 586.1 220.9 678.0 437.6 20.1

292.9

634.3

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B W.B. Dry Bulb Wer Bulb Dew Poin (F) 96/ 95 94/ 93 92/ 91 36 34 • 1 90/ 89 88/ 87 86/ 85 1.0 . 1 .0 340 . 6 .5 34C 686 686 84/ 83 2.1 2.4 837 32 837 82/ 81 1157 1.15 5.2 80/ 79 1754 485 148 4.8 1.2 • C 1754 78/ 77 7.8 423 554 76/ 75 74/ 73 . 3 6.1 5.6 1.7 • () 2915 1681 . 5 1932 1935 2914 1 334 1340 2877 1937 2776

47-60-67-69-72

1133 1134 72/ 71 4.5 2.5 .0 70/ 69 3.2 729 68/ 67 1.0 1.8 • 0 493 66/ 65 302 64/ 63 e CÍ 141 . 2 62/ 61 -6 60/ 59 . 0 58/ 57 56/ 55 54/ 53 52/ 51

TOTAL 3.028.530.319.910.3 5.5 1.9 13450 13441 13441 Mean No. of Hours with Temperature

No. Obs. Element (X) Rel. Hum. 92750027 1108525 82.5 9.934 13441 Dry Bulb 76.9 5.516 72.7 4.119 70.9 4.210 79843925 1033633 13450 Wet Bulb 71255403 977077 13441 13441

952684

67763454

0.26.5 USAFETAC

ব 2 50/ 49

DATA PROCESSING BRANCH USAF ETAT AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

43311 THEY: TAP JAPAN/HEINSHU STATION NAME 47-60,67-72 ALL PAGE 1

|                    |     |       |          |              |  |        |  |         |              |          |         |         |                |              |               |         |              |           | L (          | HOURS (     | L. S. T.)     |
|--------------------|-----|-------|----------|--------------|--|--------|--|---------|--------------|----------|---------|---------|----------------|--------------|---------------|---------|--------------|-----------|--------------|-------------|---------------|
| Temp               |     |       |          |              |  |        |  |         |              | DEPRE    |         |         |                | · ·          |               |         |              | TOTAL     |              | TOTAL       | ,             |
| (F)                | 0   | 1 . 2 | 3 - 4    | 5 - 6        | 7 - 8  | 9 - 10 | 11 - 12                                      | 13 - 14 | 15 - 16      | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24        | 25 - 26      | 27 - 28       | 29 - 30 | ≥ 31         | D.B. W.B. | Dry Bulb     | Wet Bulb    | Dew Poin      |
| 98/ 97             |     |       |          |              |  |        |  |         |              | .0       |         |         |                |              |               |         |              | 1         | 1            |             |               |
| 96/ 95             |     |       |          |              |  | 0      |  | 0       |              | 0        |         |         |                |              |               |         |              | 5         | 5            |             |               |
| 94/ 93             |     |       |          |              | • 0  | . 1    | . 2  | • 1     | .0           |          | .0      | j       |                |              |               |         |              | 54        | 54           |             |               |
| 92/ 91             |     |       |          | •0           | 1  |        | _ 3  | 1       | 0            | - 0      |         |         |                |              |               |         |              | 112       | 112          |             |               |
| 90/89              |     |       | .0       |              | . 4  |        | . 5  | • 3     | . 1          | • 0      | • 0     |         |                |              |               |         |              | 358       | 358          |             |               |
| 88/ 87             |     |       | _•0      | 5            | 1.5  | 1.9    | - 9  | 2       |              | 0        | 0       |         |                |              |               |         | <del> </del> | 737       | 737          | <del></del> | ` <del></del> |
| 86/85              |     | • 0   | .1       | 2.1          | 3.3  | 2.2    |  | • 2     |              |          |         |         |                |              |               |         | ļ.           | 1184      | 1184         | 11          |               |
| 84/ 83             |     | 0     |          |              |  |        |  | 2       | 0ب           |          |         |         |                |              |               |         |              |           | 1286<br>2047 | 289         |               |
| 80/ 79             | • 0 | 3.3   | 9.4      |              | 9  | .7     | . 3  | •1      |              |          |         |         |                | 1            |               |         |              | 2047      | 2585         | _           |               |
| 78/ 77             |     | تعت   |          |              | .8   | .2     | .1   | •0      |              |          |         |         |                |              |               |         |              | 2399      |              | 3138        |               |
| 76/ 75             | • 1 |       |          |              |  | . 1    | - 0  | • 0     | ••           |          |         |         |                |              |               |         |              | 1418      | 1419         |             |               |
| 74/ 73             | . 4 |       |          |              |  |        | .0   | •0      | .0           |          |         |         |                |              |               |         |              | 781       | 781          |             |               |
| 72/ 71             | .3  | 1.9   | 1.2      | 3            |  | ا<br>ا | 0  |         |              |          |         | _       |                |              |               |         |              | 557       | 557          |             | 2072          |
| 70/ 69             | . 2 | 1.2   |          |              |  |        |  |         | _            |          |         |         |                |              |               |         |              | 310       | 311          | 930         | 1330          |
| 68/ 67             | 1   | 9     |          | .0           |  |        |  |         |              |          |         |         |                | <u> </u>     |               |         |              | 181       | 181          | 490         |               |
| 66/ 65             | . 1 | .3    | .0       | İ            | .0   |        |  |         | ĺ            | i l      |         |         |                | ĺ            | i i           |         | ĺ            | 68        | 68           |             |               |
| 64/63              | لكم |       |          | L            |  |        |  |         | <u> </u>     |          |         |         |                | <u> </u>     | <u> </u>      |         | ļ            | 20        | 20           |             |               |
| 62/ 61             | • 0 | •0    |          |              |  | ľ      |  |         |              |          |         |         |                |              |               |         |              | 7         | 7            | 31          |               |
| 60/ 59             |     |       | ļ        | <u> </u>     |  |        |  |         |              |          |         |         |                | ├            |               |         | <u> </u>     |           |              | <u> 7</u>   | 79            |
| 58/ 57             |     |       |          | <u> </u>     | !  |        |  |         |              | i i      |         |         |                | 1            |               |         |              |           |              |             | 2:            |
| 56/ 55             |     |       | -        | <b> </b> -   | -  |        |  |         | <del> </del> |          |         |         |                |              | <del>  </del> |         | <del> </del> |           |              |             |               |
| 54/ 53  <br>52/ 51 |     |       |          | 1            |  |        |  |         |              |          |         |         |                | Í            | 1 1           |         | l            |           |              | 1           | ,             |
| 50/ 49             |     |       |          |              | <del>                                     </del> |        |  |         |              |          |         |         |                | 1            |               |         | <del> </del> |           |              | <del></del> | 7             |
| TOTAL              | 1.7 | 21.5  | 9.5      | 22.1         | 12.3   | 7.9    | 3.2  | 1.4     | .3           | . 1      | .0      |         |                | 1            |               |         |              |           | 14112        | 1           | 1410          |
| <u> </u>           |     | -11.  |          |              |  | 1.0    |  | 1.2.7   |              |          |         |         |                | 1            |               |         | 1            | 14110     |              | 14110       |               |
| 1                  |     |       |          | !            |  |        |  |         |              |          |         |         |                |              |               |         |              | ,,,,,,    |              |             |               |
| i                  |     |       |          | I            |  |        |  |         |              |          |         |         |                |              |               |         |              |           |              |             |               |
|                    |     |       |          | <u> </u>     |  |        | <u> </u>                                     |         |              | <u></u>  |         |         | <u> </u>       | <u> </u>     |               |         | <u> </u>     |           |              |             |               |
| !                  |     |       |          |              |  |        |  |         |              |          |         |         |                |              |               |         |              |           |              |             |               |
|                    |     |       | ļ        |              |  |        |  | L       | <b> </b>     | <b> </b> |         |         |                | <del> </del> |               |         | <b></b>      | <b>!</b>  |              | <b></b>     |               |
| ,                  |     |       |          |              |  | İ      |  | ĺ       |              |          |         |         |                |              |               |         | 1            |           |              |             |               |
| Element (X)        |     | ZX'   | <u> </u> | <del> </del> | Zx   | Ц_     | <u>                                     </u> | -,      | <del></del>  | No. Ob   | . T     |         | <u> </u>       | <u> </u>     | Mean b        | 10 06 1 | loues with   | h Tempera |              | 1           | Ц             |
| Rel. Hum.          |     | 9248  | 5844     | 1            | 1325   | 46     | 80.3   |         |              | 141      |         | 10      | F              | ± 32 F       | Me6n r        |         | 73 F         | ≥ 80 F    | * 93         | F           | Total         |
| Dry Bulb           |     | 8983  |          |              | 1237   |        | 79.6   |         |              | 141      |         |         | <del>`</del> + | - 32 1       |               |         | 93.7         |           |              | . 2         | 744           |
| Wet Bulb           |     | 7904  |          |              | 0548   |        | 74.8   |         |              | 141      |         |         |                |              |               |         | 73.3         |           |              | **-         | 744           |
| Dew Point          |     |       | 6337     |              | 0261   |        | 72.7   |         |              | 141      |         |         | $\dashv$       |              |               |         | 59.4         |           |              | -           | 749           |

(F) 92/ 91 90/ 89 88/ 87 86/ 85 84/ 83

DATA PROCESSING BRANCH

AIR WEATHER SERVICE/HAC

USAF ETAC

**PSYCHROMETRIC SUMMARY** 

46-54.50-60.67-72 YEARS 4331 TUKYL TAP JAPAN/HINSHU PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 88 88 . 1 299 299 372 372 82/81 679 679 80/ 79 2.5 2.2 170 19 1196 1196 1.0 78/ 77 1533 1534 640 236 76/ 75 2.4 1377 837 2.6 1593 1593 1315 1195 74/ 73 1532 1532 1457 72/ 71 3.7 3.2 2.2 .0 1598 1601 1373 70/\_69 1531 1768 68/ 67 3.1 2.9 1305 1305 1824 1572 66/ 65 216 917 1735 1432 1.8 64/ 63 . 7 559 559 1329 1682 1.1 62/\_61 271 997 1281 271 594 974 60/ 59 . 1 115 115 58/ 57 290 .0 56/ 55 .0 90 455 270 54/ 53 38 52/ 51 15 154 50/ 49 38 48/ 47 46/ 45 26 44/ 43 11 42/ 41 40/ 39 13658 13658 No. Obs. Element (X) Zy? Mean No. of Hours with Temperature 267 F 273 F 280 F Rel. Hum. ± 0 F ± 32 F 87358056 1078882 79.012.501 13658 73.2 5.926 68.4 5.394 Dry Bulb 385.8 73646758 999840 13663 720 Wet Bulb 64350662 934598 13658 720 Dew Point 65.9 6.342 13654 59850724 A99836

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC 43311 THEY TAP JAPAN/HINSHU STATION NAME 46-54,56-60,67-12 €. 1 USAFETAC

## **PSYCHROMETRIC SUMMARY**

|                       |          |          |                |          |           |  |                |            |         |  |  |              |         |  |         |  |  | PAG         | k 1        | A<br>HOURS (I | . S. T.)  |
|-----------------------|----------|----------|----------------|----------|-----------|--|----------------|------------|---------|--|--|--------------|---------|--|---------|--|--|-------------|------------|---------------|-----------|
| Temp.                 |          |          |                |          |           | WET  | BULB           | TEMPER     | ATURE   | DEPRE  | SSION  | (F)          |         |  |         |  |  | TOTAL       |            | TOTAL         |           |
| (F)                   | 0        | 1 - 2    | 3 - 4          | 5 - 6    | 7 - 8     | 9 - 10   | 11 - 12        | 13 - 14    | 15 - 16 | 17 - 18  | 19 - 20  | 21 - 22      | 23 - 24 | 25 - 26                                      | 27 - 28 | 29 - 30                                    | ≥ 31   | D.B. W.B.   | Dry Bulb   | Wet Bulb      | Dew Point |
| 84/ 83<br>82/ 81      |          |          |                |          | ٠.        | •0   | 0.0            |            |         |  |  |              |         |  |         |  |  | 2           | 2.3        |               |           |
| 80/ 79                |          |          | .0             | • 1      | .0        | .0   | 0.             |            | .0      |  |  |              |         |  |         |  |  | 26          | ?6         |               |           |
| 78/ 77                |          | 1        |                | 1        |           | 1  |                |            | 0       |  | <u> </u>   |              |         | <u> </u>                                     |         |  |  | _107        | 107        |               |           |
| 76/ 75                |          | • 1      | .3             | • 3      | .4        | • 2  | . 1            | • 1        | •0      | •  |  |              |         |  |         |  |  | 222<br>372  | 222<br>372 | 12<br>46      | 5         |
| 74/ 73                |          |          | - 2            | - 40     |           |  | - 2            |            | q       | 1  |  | <del> </del> |         | ├──  |         |  |  |             |            |               | 15        |
| 72/ 71                | • 0      | .8       |                | . 8      | 1.6       | 1.0  |                |            | •1      |  |  |              |         |  |         |  |  | 559<br>984  | 559<br>985 | 103<br>208    |           |
| 68/ 67                | . 2      |          |                | 2.3      |           |  |                |            | .0      |  |  |              | _       |  |         |  | -  | 1357        | 1358       | 463           |           |
| 66/ 65                | . 3      |          |                | 2.6      | 1.5       | 1.0  |                | . 1        | ŏ       | ı  | 1  | } '          |         | 1  | 1 1     |  | \  | 1534        | 1534       | 729           |           |
| 64/ 63                | .3       | _        |                |          | 1.6       | _  |                | .2         | .0      |  |  |              |         |  |         |  |  | 1937        |            |               | 663       |
| 62/ 61                | . 5      |          | 3.7            | 2.7      | 1.5       |  |                | 1          | 0       | •  |  |              |         | ĺ  |         |  |  |             | 1820       |               |           |
| 60/ 59                | . 6      | 4.6      | 3.8            | 2.5      | 1.3       | . 5  | . 2            | •0         |         |  |  |              |         |  |         |  |  | 1945        |            |               |           |
| 58/ 57                | . 4      |          |                | 1.8      |           |  |                |            |         |  |  | 1            |         | <u>                                     </u> |         |  |  | 1460        | 1470       | 2156          |           |
| 56/ 55                | . 5      | 2.9      | 1.9            | • 9      | .6        | . 2  | 0.             | ŀ          |         |  |  |              |         |  |         |  |  | 1003        | 1003       | 1984          | 1823      |
| 54/ 53                | 3        | 9        |                | .7       | 3         | 1  | ·I             |            |         | <u> </u>   |  | <u> </u>     |         |  |         |  |  | 498         | 499        | 1447          | 1788      |
| 52/ 51                | . 1      | .5       | .5             | .4       | , 2       | .0   |                |            |         |  | 1  |              |         |  |         |  |  | 253         | 256        | º69           |           |
| 50/ 49                | 0        |          |                | . 3      | 1         |  |                |            |         | ļ  | <u> </u>   | ├            | ļ       | ļ  |         |  |  | _150        | 150        |               | 1117      |
| 48/ 47                | •0       |          | . 1            | •0       | .0        | • (  | 기              |            |         |  |  | ŀ            | ĺ       |  |         |  |  | 45          | 45         | 327           |           |
| 46/ 45                | 0        |          |                | 20       |           |  | <b>├</b>       | <b> </b> - |         | <u> </u>   |  | <b>├</b>     |         | <u> </u>                                     |         |  | <b> </b>   | 23          | 23         | _191          |           |
| 44/ 43                |          | .0       | .0             |          |           | ļ  | ļ              |            |         | !  | l  | ļ .          | į       | 1  | ļ       |  |  | 4           | 4          | 91            |           |
| 42/ 41                |          | <u> </u> | <del> </del> - | <u> </u> |           |  | <del> </del> - |            |         | <del> </del>                                     |  | <del> </del> |         | ├  |         |  | <del></del>                                      |             |            | 16            |           |
| 40/ 39                | ļ        |          | ļ              |          |           |  | ]              |            |         | Ì  |  |              |         |  |         |  |  |             |            | 5             | •         |
| 38/ 37<br>36/ 35      |          |          |                | -        | <b></b> - |  | ┼              | <b>-</b>   |         | <del> </del>                                     |  | ├──          |         | ├──  |         |  | <del>                                     </del> | ļ           |            |               | 131       |
| 34/ 33                |          |          |                |          |           |  |                |            |         | ļ  |  | 1            |         |  |         |  | ]  |             |            | :             | _41       |
| 32/ 31                |          |          |                |          |           |  |                | <u> </u>   |         |  |  | 1            |         |  |         |  |  |             |            |               | 26        |
| 30/ 29                |          |          | <u> </u>       | ]        |           |  | 1              | 1          |         | 1  |  | 1_           |         | ì  |         |  | 1  |             | ]          | l             | 8         |
| 28/ 27                | i        |          |                |          |           |  |                |            |         |  |  |              |         |  |         |  |  |             |            |               | 1         |
| 26/ 25                | L        |          | <u> </u>       |          | <u> </u>  | L  | <del></del>    | <u> </u>   |         | L  | <u> </u>   | <u> </u>     |         | <u> </u>                                     |         |  | <u> </u>   |             |            |               | لأسا      |
| TUTAL                 | 3.5      | 24.5     | 25.6           | 26.7     | 13.4      | 7.4  | 3.3            | 1.3        | .3      | •0   |  |              |         |  |         |  | _  | 4374        | 14390      | 14375         | 14371     |
| l                     | <u> </u> |          |                | $\vdash$ |           | <del>                                     </del> | 1              |            |         | <del>                                     </del> | <del>                                     </del> | †            | l       | 1  | 1       |  | $\vdash$   | 1274        |            | 143/2         |           |
|                       |          | <u> </u> | <u></u>        |          | <u> </u>  | L,_  | <u> </u>       |            | L.,     | L  | L,   |              |         | <u> </u>                                     | لـــــا |  | <u> </u>   | <u> </u>    | <u> </u>   |               | L         |
| Element (X)           | <u> </u> | Σχ'      |                |          | ž X       |  | X              | <b>₹</b> x |         | No. OI   |  |              |         |  |         |  |  | h Tempera   |            |               |           |
| Rel. Hum.             |          |          | 0382           |          | 0915      |  | 75.9           |            |         | 143  | _  | 10           | -       | 1 32 F                                       | ≥ 6/    | _  | 73 F   | ≥ 80 F      | # 93 I     |               | Total     |
| Dry Bulb              |          |          | 2031           |          | 9013      |  | 62.6           |            |         | 143  |  |              |         |  | 187     |  | 37.8   |             | 7          |               | 744       |
| Wer Bulb<br>Dew Point |          | 4870     |                |          | 8331      |  | 58.0           |            |         | 143  |  |              |         | 1.9  | 43      | <u>                                   </u> | مبت_   | <del></del> |            |               | 744       |
| Dew Foint             | L        | 4328     | 8537           | L        | 7824      | 7.31   | 74.4           | 6.8        | 901     | 143  | <u>/1_</u>                                       | <u> </u>     |         | لاعت   | 22      | . 31                                       | منا  | L           |            |               | 744       |

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DATA PROGESSING BRANCH PSYCHROMETRIC SUMMARY USAF STAC AIR WESTHE SERVICE/MAC 43311 TURY TAP JAPAN : 185141 47-54.56-60.67-72 U PAGE 1 HOURS (L. S. T.) WET RULS TEMPERATURE DEPRESSION (F)

5 - 6 ' 7 - 8 9 - 10 11 - 12 13 - 14 : 5 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 TOTAL TOTAL 0 1.2 3.4 75/ 75 74/ 77 .0 12/ 71 30 1.07\_631 08/ 67 • 3 220 220 5 04/ 53 556 90 .0 556 47 54/61 790 220 790 90 1.92 3 10/ 51 1205 1205 191 2.4 3.1 128 1\_ 27 1314 396 56, 55 1030 1430 1432 497 54/ 53 1.535 783 3.3 2.6 52/ 51 1446 1447 1405 1257 1263 1576 2.6 995 .0 50/ 49 48/ 47 2.0 2.3 1.5 956 1491 1144 956 46/ 45 **P75** 875 1462 1,2 44/ 43 457 1109 1127 457 42/41 236 1145 40/ 39 134 134 638 895 38/ 37 328 699 70 70 . 2 36/ 35 •0 214 691 34/ 33 510 32/ 31 502 30/ 29 291 167 27 242 24 . 23 113 45 20/ 19 18 18/\_17 16/ 15 14/13 12/ 11 Element (X) Mean No. of Hours with Temperature Pel. Jum. ± 0 F ± 32 F ≥ 67 F = 73 F = 80 F = 93 F Dry Bulb

w . Br.b Dew Point

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DATA PROCESSING RRANCH USAF ETAC AIR MEATHER SERVICE/MAC

43311 TIRY: TAP JAPAN/HINSHU 47-54,56-60,67-72

## **PSYCHROMETRIC SUMMARY**

| 0 1-2   | 3.4                  | 5 · 6 7 · 3 · 4 1 4 ·                               | 8 9.10                                    | 11 · 12<br>3 • 0                                      | 13 - 14  | 15 - 16  | 17 - 18  | 19 - 20  | 21 - 22  | 23 - 24   | 25 - 26  | 27 - 28   | 29 - 30  |  |   | Dry Bulb<br>13161   |   | 13152  |
|---------|----------------------|---|---|---|--|--|--|--|--|---|--|---|--|--|---|---|---|--|
| 0 1-2   | 27.22                | 3.414   | 9-10                                      | 3.0   | 13 - 14  | 15 - 16  | 17 - 18<br>• O   | 19 - 20<br>• ()  |  | 23 - 24   | 25 - 26  | 27 - 28   | 29 - 30  |  |   | 13161   |   | 13152  |
| 2.221.0 | 27.22                | 3.414   | .3 7.4                                    | 3.0   | 1.1  | .3   | .0   | • 0  | •0   |   |  |   |  |  | 12151   | 13161   | 2161  |  |
|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  | 12121   | <del></del>   | لمتنتس  | ļ  |
|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  |   |   |   |  |
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|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  |   |   |   |  |
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|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  |   |   |   |  |
|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  |   |   |   |  |
|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  |   |   |   |  |
|         |                      |   |   |   |  |  |  |  |  |   |  |   |  |  |   |   |   |  |
| ΣX2     |                      | Σχ  |   | X   |  |  |  | 1  |  |   |  | Meon I  | to, of H   | ours wit   | h Tempero   | ture  |   |  |
| 6933    | 18670                | 93  | 2656                                      | 70.9  | 15.6   | 01   |  |  | ≤ 0  | F   | 32 F   |   |  |  |   | z 93  | F   | Total  |
|         |                      | 70  | 8608                                      | 53.8  | 6.6  | 47   |  |  |  |   |  |   |  | . 5  |   |   |   | 72   |
| 3205    | 2229                 |   |   |   |  |  |  |  |  |   |  |   |  |  | ļ   |   |   | 77   |
|         | 6933<br>3873<br>3205 | 2x'<br>69338670<br>38733986<br>32052229<br>26374301 | 69338670 93<br>38733986 70<br>32052229 64 | 69338670 932656<br>38733986 708608<br>32052229 643895 | 69338670 932656 70.9<br>38733986 708608 53.8<br>32052229 643895 49.0 | 69338670 932656 70.915.6<br>38733986 708608 53.8 6.6<br>32052229 643895 49.0 6.2 | 69338670 932656 70.915.601<br>38733986 708608 53.8 6.647<br>32052229 643895 49.0 6.325 | 69338670 932656 70.915.601 131<br>38733986 708608 53.8 6.647 131<br>32052229 643895 49.0 6.325 131 | 69338670 932656 70.915.601 13152<br>38733986 708608 53.8 6.647 13161<br>32052229 643895 49.0 6.325 13151 | 69338670 932656 70.915.601 13152 ±0 38733986 708608 53.8 6.647 13161 32052229 643895 49.0 6.325 13151 | 69338670 932656 70.915.601 13152 ±0F<br>38733986 708608 53.8 6.647 13161<br>32052229 643895 49.0 6.325 13151 | 69338670 932656 70.915.601 13152 ±0F ±32F<br>38733986 708608 53.8 6.647 1±161<br>32052229 643895 49.0 6.325 13151 2.0 | 69338670 932656 70.915.601 13152 ±0F ±32F ±67<br>38733986 708608 53.8 6.647 13161 20<br>32052229 643895 49.0 6.325 13151 2.0 | 69338670 932656 70.915.601 13152 ±0F ±32F ±67F ±38733986 708608 53.8 6.647 13161 20.4 32052229 643895 49.0 6.325 13151 2.0 8 | 69338670 932656 70.915.601 13152 10F 132F 267F 273F 38733986 708608 53.8 6.647 13161 20.4 55 32052229 643895 49.0 6.325 13151 2.0 8 | 69338670 932656 70.915.601 13152 ±0F ±32F ±67F =73F =80F 38733986 708608 53.8 6.647 13161 20.4 .5 32052229 643895 49.0 6.325 13151 2.0 .8 | 69338670 932656 70.915.601 13152 ±0F ±32F ±67F =73F ×80F +93 38733986 708608 53.8 6.647 13161 20.4 5 32052229 643895 49.0 6.325 13151 2.0 6 | 69338670 932656 70.915.601 13152 ±0F ±32F ±67F =73F ×80F =93F<br>38733986 708608 53.8 6.647 13161 20.4 .5<br>32052229 643895 49.0 6.325 13151 2.0 .8 |

FORM 0.26-5 (OL A) ATVISED MEYIOU

AFETAC FORM 0.26-5

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 43311 IUKY: IAP JAPAN/HONSHU
STATION NAME 46-54,50-60,67-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 26 27 . 28 29 . 30 \* 31 C.B. W.B. Dry Builb Wet Builb Dew Point 72/ 71 .0 .0 70/ 69 68/ 67 . 0 11 11 66/ 65 36 64/ 63 63 63 62/\_61 ٠0 94 94 60/ 59 • 2 .0 194 194 36 15 58/ 57 501 56/ 55 89 45 .1 501 54/ 53 206 63 771 771 1.4 52/ 51 . 0 1.1 1.5 1009 1009 401 150 50/ 49 1430 533 301 48/ 47 1.8 2.8 2.0 930 1527 1527 350 46/ 45 3.4 1310 648 1822 1826 3.1 44/ 43 2.1 З. 1506 1508 1502 729 42/ 41 1434 1439 1010 950 40/ 39 2.1 3.2 1.9 1186 1186 1840 1056 . 1 38/ 37 1.8 1679 1155 926 927 .z 1.6 1.8 36/ 35 696 1432 1312 1.1 694 34/ 33 389 389 1045 1197 32/ 31 171 171 781 1290 30/ 29 393 81 81 1024 . () . 1 28/ 27 • 0 • ( 44 44 161 849 77 729 24/ 23 19 679 634 20/ 19 388 18/\_17 262 16/ 15 151 14/ 13 12/ 11 46 37 10/ 9 8/ 7 7 No. Obs. Element (X) Mean No. of Hours with Temperature -67 F = 73 F = 80 F = 93 F Rel. Hum. ±0 F | ±32 F | Wet Bulb Dew Point

DATA PRUCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC 43311 TILKYL TAP JAPAN/HUNSHU 46=54.50=60.67=72 YEARS HOURS (L. S. f.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 4/ 0/ -1 TOTAL 2.420.028.123.414.4 7.8 3.0 14229 14213 0.26-5 Element (X) Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 66076997 938091 66.017.119 14214 45.3 6.708 40.4 6.200 33.7 8.853 Dry Bulb 29307066 644216 14229 15.9 744 Wer Bulb 23777275 574635 75.1 14216 744 Dew Point 479545 17293671 A ....

يعلى المراجعين المنها أو منهارين أن أو وحريه ما أراد المنط المشيرة الرازان أ

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

TOKY: TAP JAPAN/HUNSHU 47-60,68-72 STATION NAME YEARS MONTH C000-0200 PAGE L WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 62/ 61 60/ 59 . 1 1 58/ 57 2 56/ 55 54/ 53 • 1 50/ 49 26 26 48/ 47 1.5 16 46/ 45 1.9 89 88 2.1 1.6 3.6 2.4 5.4 4.1 44/ 43 21 115 3.2 42/ 41 178 178 86 60 40/ 39 254 254 5.7 38/ 37 243 243 155 713 290 209 36/ 290 2.7 4.2 253 130 34/ 33 204 204 120 32/ 31 257 30/ 29 . 8 1.3 225 152 44 44 28/ 27 132 155 26/ 25 37 149 22/ 21 147 18/ 17 90 16/ 14/ 13 27 20 10/ 14 8/ 6/ ь TOTAL 2.823.236.426.9 9.3 1348 1647 1648 1648 No. Obs. Element (X) ZX Mean No. of Hours with Temperature 67,015,775 38,3 5.052 34,4 5.257 27,7 8.190 110486 Rel. Hum. 7817122 648 ≤ 32 F 267 F 273 F 280 F 293 F 63107 56658 93 93 2458601 9,9 Dry Bulb 1648 1993410 1648 38.1 Wet Bulb 45664 1376470 93 1647 66,1

FORM 0.26-5 (OLA) REVASED PREVIOUS EDITIONS OF THIS FORM ARE OBS

; F

Dew Point

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DATA PRUCESSING BRANCH USAF ETAC AIR VEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY 43311 TOKY! TAP JAPAN/HONSHU 47-60,68-72 JAI 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 | 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 60/ 59 56/ 55 3 54/ 53 52/ 51 3 48/ 47 3,0 38 46/ 45 59 20 59 1.9 1.9 2.7 3.0 99 99 37 20 64 40/ 39 38/ 37 2.7 177 177 127 2.8 5.2 143 56 226 226 3.4 7.0 3.4 5.3 36/ 35 5.3 292 292 163 87 .2 3.4 5.3 3.1 .2 4.3 5.8 3.1 34/ 33 201 201 230 112 32/ 31 261 226 226 30/ 29 28/ 27 2.1 2.6 278 86 86 178 1.2 . 7 36 36 167 26/ 25 67 182 24/ 23 22/ 21 25 167 148 20/ 19 112 18/ 17 102 16/ 15 14/ 13 22 12/ 11 10/ 8/ 6/ 3.027.237.823.3 8.0 TOTAL 1647 1649 õ 1649 1649 0.26.5 7987889 No. Obs. Mean No. of Hours with Temperature Element (X) 111963 1649 67.915.302 Rel. Hum. ± 0 F 1 32 F >67 F = 73 F = 80 F = 93 F 20.9 47.3 2286037 60765 36.8 5.333 1649 Dry Bulb 1563087 54717 33.2 5.367 1649 93 Wet Bulb 93 1281532 Dew Point 44024 1647 · k

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

1 .

| 43311   | TURY'I TAP JAPAN/FUNSHU | 47=60:68-72 |        | 147       |
|---------|-------------------------|-------------|--------|-----------|
| STATION | STATION NAME            | YEARS       |        | MONTH     |
|         |                         |             | PAGE 1 | 0600=0800 |

| Temp.       |  |              |       |             |         | WET     | BULB 1   | FEMPER       | ATURE   | DEPRE  | SSION (  | F)      |  |  |         |  |  | TOTAL  |              | TOTAL          |           |
|-------------|--|--------------|-------|-------------|---------|---------|--|--------------|---------|--|--|---------|--|--|---------|--|--|--|--------------|----------------|-----------|
| (F)         | 0  | 1 - 2        | 3 - 4 | 5 - 6       | 7 - 8   | 9 - 10  | 11 - 12  | 13 - 14      | 15 - 16 | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 24  | 25 - 26  | 27 - 28 | 29 - 30  | ≥ 31   | D.B. W.B.  | Dry Bulb     | Wet Bulb       | Dew Point |
| 62/ 61      |  | i            | - "   |             | • 1     |         |  |              |         |  |  |         |  |  |         |  |  | l  | 1            |                |           |
| 60/ 59      |  |              | . 4   | . 1         |         | i       |  |              |         |  |  |         | I  |  |         |  | ł  | R  | ا۾ ا         |                |           |
| 58/ 57      |  |              |       | • 1         |         |         |  |              |         |  |  |         |  |  |         |  | 1  | 1  | 1            | 2              |           |
| 56/ 55      |  |              | . 1   |             |         |         | li   |              |         |  |  |         | 1  |  |         |  | 1  | , á  | اها          | 5              | 1         |
| 54/ 53      |  |              |       | • 1         |         |         |  |              |         |  |  |         | <del> </del> -                                   |  |         |  |  | 1  |              | <del></del>    | 4         |
| 52/ 51      |  |              |       | . 2         |         |         | l i  |              |         |  |  |         | l  |  |         |  |  | 1  |              | 2              | i         |
| 50/ 49      |  | .2           | 2     | • 3         | .2      | ,       |  |              |         |  |  |         |  | <del> </del>                                     |         |  | <del>                                     </del> | 17   | 17           | <u>\$</u>      | 4         |
| 48/ 47      |  | 1 2          | . 2   |             | . 4     |         |  |              |         |  |  |         |  | į  |         |  |  | 21   | 21           | 6              | 5         |
| 46/ 45      | . 2  | 1.3          |       | 1.1         | , 1     |         | <del></del>                                      |              |         |  |  |         |  | <del> </del>                                     |         |  | <del> </del>                                     | 58   | 58           | 16             | 8         |
| 44/ 43      | ء .<br>يا ــــــــــــــــــــــــــــــــــــ | 1.6          | 1.7   | 1 4         | .5      | .3      |  |              |         |  |  |         |  |  |         |  | Į  | 92   | 92           | 39             |           |
| 42/ 41      | • 5  | 2.6          | 2.3   | 1.5         |         | .1      |  |              |         | <b></b>  |  |         |  | <del>                                     </del> |         |  | <del>                                     </del> | 131  | 131          | <del>5</del> 9 | 36        |
| 40/ 39      | . 3  |              | 3.4   | 3.2         | 1.2     | ••      |  |              |         |  |  |         | 1  |  |         | ŀ  | i  | 170  |              | 99             |           |
| 38/ 37      | - 5  |              | 4.2   | 4.3         | 1.5     | • 1     |  |              |         | <del>                                     </del> |  |         |  | <del> </del>                                     |         |  | <del> </del>                                     | 226  | 226          | 126            | 45        |
| 36/ 35      | 8  | 3.1<br>3.5   | 7.2   | 4.1         | 1.0     |         |  |              |         |  |  |         |  | 1  |         |  |  | 272  | 272          | 174            | 71        |
| 34/ 33      | .5   | 3.5          | 5.6   | 3.7         | 3.5     |         |  |              |         |  |  |         |  | <del> </del>                                     |         |  | <del> </del> -                                   | 226  |              | 213            |           |
| 32/ 31      | . 4  |              | 6.0   |             |         | l       |  |              |         |  |  |         |  |  |         |  |  | 209  |              | 281            | 116       |
| 30/ 29      | . 2  | 2.4          | 3.3   | • 5         |         |         | <b></b>  |              |         | <b>-</b>   |  |         |  |  |         |  |  | 105  |              | 268            |           |
| 28/ 27      | . 1  | 2.0          | 1.3   | . 2         |         |         |  | ļ            |         |  | l  |         |  | 1  |         | 1  |  | 59   |              | 199            |           |
| 26/ 25      | - 9.5  | .9           | .4    | • 1         |         |         |  |              |         | <b></b> -  |  |         |  | <del>                                     </del> |         |  |  | 21   | 21           | 90             |           |
| 24/ 23      |  | .3           |       |             |         |         |  |              |         | 1  | İ  | !       | 1  |  |         |  |  | lic  |              |                |           |
| 22/ 21      |  |              | , ,   |             | <b></b> |         | <del>                                     </del> | <del> </del> |         |  | ·  |         | <del>                                     </del> |  |         |  | <del>                                     </del> | <del>                                     </del> | <del> </del> | 10             |           |
| 20/ 19      |  |              |       |             |         | Ī       |  |              |         |  |  |         |  |  |         | ļ  |  | 1  |              | 4              | i         |
| 18/ 17      |  | <u> </u>     |       |             |         | -       | <del> </del> -                                   | · -          | _       |  |  |         |  | 1  |         |  | 1  | <del>                                     </del> |              |                | 114       |
| 16/ 15      |  |              |       |             |         |         |  | [            | Ì       | l  |  |         |  | 1  |         |  |  | 1  |              |                | 66        |
| 14/ 13      |  | <u> </u>     |       |             |         |         | <u> </u>   |              |         |  |  |         | <del>                                     </del> | 1  |         | <del>                                     </del> |  |  | ii           |                | 33        |
| 12/ 11      |  |              |       |             |         |         |  |              | }       | l  | l  | l       |  | İ  |         |  | 1  | 1  |              |                | 22        |
| 10/ 9       |  |              |       | _           |         |         |  |              |         |  |  |         |  | <del> </del>                                     |         |  |  |  |              |                | 13        |
| 8/ 7        |  | ļ            |       |             | ŀ       |         | İ  | [            |         |  |  | l       |  | ŀ  |         |  |  |  | {            |                | 7         |
| 6/ 5        |  | <b>†</b>     |       |             | -       | <b></b> | <del>                                     </del> |              |         |  |  |         | 1  |  |         |  | 1  |  | ii           |                | 5         |
| TAL         | 3.7  | 28.6         | 37.3  | 22.7        | 6.6     | 1.2     |  |              |         |  |  | •       |  |  |         |  |  | 1  | 1639         |                | 1637      |
| <u> </u>    | <u>., , , , , , , , , , , , , , , , , , , </u> | 20.0         |       |             |         |         | -  |              |         | i  |  |         | <del>                                     </del> | <del>                                     </del> |         |  | <del>                                     </del> | 1637   | 1            | 1637           |           |
| }           |  |              |       |             |         |         |  |              | 1       | İ  |  |         |  |  |         |  |  | 1  |              |                |           |
|             |  | <del> </del> |       | <del></del> |         | i       | 1  |              |         | <u> </u>   | <del>                                     </del> |         | <u> </u>   | <del>                                     </del> |         |  |  | 1  |              |                |           |
| İ           |  |              |       |             |         |         |  |              | [       |  |  |         |  |  |         |  |  |  |              |                | İ         |
| Element (X) |  | Σχ²          |       |             | ZX      |         | X  | <b>€</b> 2   |         | No. O  |  |         |  |  | Mean I  | No. of H   | ours wil   | h Tempera  | tute         |                |           |
| Rel. Hum.   |  |              | 3886  |             | 1117    | 00      | 68.2   | 15.4         | 81      | 16   |  | ± 0     | F  | ⊴ 32 F   | ≥ 67    | F :  | 73 F   | ≥ 80 F   | z 93 1       |                | Total     |
| Dry Bulb    |  |              | 9023  |             | 596     | 41      | 36.4   | 5.4          | 56      |  | 39   |         |  | 23.0   |         |  |  |  |              |                | 93        |
| Wer Bulb    |  | 180          | 9346  |             | 537     | 14      | 32.8   | 5.3          | 52      | 16   | 37   |         |  | 50.4   |         |  |  |  |              |                | ০ স       |
| Dew Point   |  |              | 1013  |             | 431     |         | 26.4   |              |         | 16   |  |         |  | 72.5   |         |  |  | 1  |              |                | 9.3       |

USAFETAC FORM 0.26-5 (OLA) RIVISTO PREVOUS EDITIONS OF THIS FORM ARE CINCHES

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC TUKYE TAP JAPAN/HUNSHU
STATION NAME 47-60,68-72 0900+1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 64/ 63 • 1 . 1 62/ 61 60/ 59 56/ 55 2 2 13 13 · 2 54/ 53 21 52/ 51 33 18 33 50/ 49 48/ 47 98 98 24 10 46/ 45 108 190 2.3 4.4 2.9 4.6 44/ 43 3.8 236 236 31 43 42/ 41 186 3.2 3.1 271 41 73 271 40/ 39 2.7 4.4 5.1 239 280 38/ 37 190 190 36/ 35 1.8 3.1 135 135 101 33 1.0 1.4 67 251 67 .4 32/ 31 22 264 135 • 2 91 30/ 29 149 30 151 147 28/ 27 26/ 25 140 20/ 19 105 13/ 17 91 16/ 15 63 30 14/ 13 12/ 11 26 10/ 9 8/ õ 0.26.5 4/ 3 TOTAL 1.712.420.828.423.010.1 3.5 1640 1637 1638 No. Obs. Mean No. of Hours with Temperature Element (X) 6054373 USAFETAC 95385 1638 267 F | 273 F | 280 F | 293 F ± 0 F ≤ 32 F Rel. Hum. 2928896 68776 41.9 5.220 36.4 4.918 93 Dry Bulb 1640 1.6 93 59547 22.3 Wer Bulb 2204333 1638 1637 68.2

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC TUKYJ TAP JAPAN/HONSHU
STATION STATION NAME 47-60,68-72

## **PSYCHROMETRIC SUMMARY**

1200 + 1400 HOURS (L. S. T.) PAGE 1

 $\overline{f_{p}^{k} \geq 3.}$ 

| Temp.       |  |              |          |              |         | WET    | BULB '       | TEMPER         | ATURE            | DEPRE          | SSION (      | F)            |         | ·              |                 |                 |              | TOTAL        |               | TOTAL    |           |
|-------------|--|--------------|----------|--------------|---------|--------|--------------|----------------|------------------|----------------|--------------|---------------|---------|----------------|-----------------|-----------------|--------------|--------------|---------------|----------|-----------|
| (F)         | 0  | 1 - 2        | 3 - 4    | 5 - 6        | 7 - 8   | 9 - 10 | 11 - 12      | 13 - 14        | 15 - 16          | 17 - 18        | 19 - 20      | 21 - 22       | 23 - 24 | 25 - 26        | 27 - 28         | 29 - 30         | ≥ 31         | D.B. W.B.    | Dry Bulb 1    | Vet Bulb | Dew Point |
| 70/ 69      |  | 1            |          |              |         |        |              | .1             |                  |                |              |               |         |                |                 |                 |              | 1            | 1             |          |           |
| 66/ 65      |  |              |          |              | . 1     | -1     | الو          |                |                  |                |              |               |         |                |                 |                 |              | - 4          | 4             |          |           |
| 04/ 63      |  | l            | . 1      | • 1          | . 2     | . 2    |              | - 1            |                  |                |              |               |         |                |                 |                 |              | 11           | 11            |          |           |
| 62/61       |  | 1 .1         | .1       | • 1          | . 7     | -1     | Ĺ            |                |                  | L              |              |               |         |                |                 |                 | <u> </u>     | 9            | 9             |          |           |
| 60/ 59      |  | .1           | . 1      | • 1          | . 2     | . 2    | . 1          | • 1            |                  | . 1            |              | i             |         | 1              |                 |                 |              | 15           | 15            | 2        |           |
| 58/ 57      |  |              | . 1      | • 1          | . 2     | . 4    | .3           | .1             | 1                | l              |              |               |         |                | !               |                 |              | 1.8          | 1.8           | 6        | 3         |
| 56/ 55      |  | 1            | . 2      | . 4          | .7      | .7     | . 2          | . 2            |                  |                | Ì            |               |         |                |                 |                 | 1            | 39           | 39            | 16       | 1         |
| 54/ 53      |  |              | 3        | 1.2          | 1.2     |        | 4            | . 4            |                  |                |              |               |         |                |                 |                 |              | 67           | 67            | 11       | 5         |
| 52/ 51      |  | .1           | 3.       |              | 2.4     | 1.8    | .6           | . 2            |                  |                |              |               |         |                |                 |                 |              | 118          | 118           | 2        | 7         |
| 50/ 49      | 1  | 1            | 1.5      | 2,8          | 2.9     | 2.7    | 1.1          | . 4            |                  |                | ļ            |               |         |                |                 |                 |              | 189          | 189           | 29       | 11        |
| 48/ 47      |  | .4           | 2.2      |              | 4.2     | 2.4    | 2.3          |                |                  |                |              |               |         | İ              |                 |                 |              | 234          | 234           | 57       | 8         |
| 46/ 45      | الما   | 1.4          | 1.8      |              |         | 3.2    |              | .1             |                  | <u> </u>       | ļ            |               |         | L              |                 |                 | <u> </u>     | 295          | 295           | 123      | 18        |
| 44/ 43      | .1   |              | 1.3      | 3.3          |         | 3.4    |              |                |                  |                |              |               |         | 1              | 1               |                 | l            | 237          | 237           | 153      | 60        |
| 42/41       |  | , 9          |          | 3,2          | 4.1     | 2.2    | -4           |                |                  |                |              |               |         | ļ              |                 |                 | <u> </u>     | 193          | 193           | 108      | 69        |
| 40/ 39      | . 3  |              | 1.5      | 2.4          | 1.3     | . 1    | •            |                |                  |                |              | 1 1           |         |                |                 |                 | Ì            | 116          | 116           | 251      | 85        |
| 38/ 37      | ļ  | 1.0          | . 8      | • R          | -1      |        |              |                |                  |                | <u> </u>     |               |         |                |                 |                 |              | 46           | 46            | 259      |           |
| 36/ 35      | . 4  |              |          |              | . 2     |        | :            |                |                  |                |              |               |         | i              | 1               |                 |              | 35           | 3.5           | 265      |           |
| 34/ 33      | 4  | 16           | - 2      |              |         |        |              | <u> </u>       |                  | <u> </u>       | L            |               |         | <u> </u>       | <u> </u>        |                 |              | 19           | 19            | 203      | 130       |
| 32/ 31      | . 2  | 4            |          |              |         |        |              | !              |                  |                |              |               |         | 1              |                 |                 | ĺ            | 4            | 4             | 76       |           |
| 30/ 29      |  | -            | L        |              |         |        |              |                |                  | ļ              | <u> </u>     |               |         | <u> </u>       | <u> </u>        |                 |              |              |               | 7        | 125       |
| 28/ 27      |  |              |          |              |         |        |              | <b>l</b> .     |                  | i              |              |               |         | İ              |                 |                 | j            |              |               | 3        | 129       |
| 26/ 25      |  | <b> </b>     |          |              |         |        |              |                |                  | <u> </u>       | <u> </u>     |               |         |                |                 |                 | <u> </u>     |              |               |          | 120       |
| 24/ 23      |  |              |          |              |         |        |              |                |                  |                |              |               |         |                |                 |                 |              |              |               |          | 102       |
| 22/ 21      |  | <del> </del> | <u> </u> |              |         |        | <b> </b>     |                |                  |                |              |               |         |                |                 | <u> </u>        | <b> </b> -   |              |               |          | 93        |
| 20/ 19      |  |              | Ì        |              |         |        |              |                |                  | ļ              |              | i             |         |                |                 |                 | 1            |              |               |          | 78        |
| 18/ 17      | <u> </u>   | <del> </del> |          |              |         |        |              |                | <b></b>          |                | <del> </del> |               |         |                | ļ               |                 | <del> </del> |              |               |          | 70        |
| 16/ 15      |  |              |          |              |         |        |              |                |                  |                | ŀ            |               |         |                |                 | 1               |              |              |               |          | 47        |
| 14/ 13      |  | <del> </del> |          |              |         |        | <b> </b>     | <u> </u>       |                  |                | <del> </del> |               |         | ├              |                 |                 |              | ļ            | <del> </del>  |          | 39        |
| 12/ 11      | j  |              |          | 1            |         |        |              |                | }                |                |              |               |         |                | l               | ŀ               |              |              |               |          | 21        |
| 10/ 9       | ļ ——   | <del> </del> |          | <b> </b>     |         |        | <del> </del> | ļ <u>.</u>     |                  | <del> </del> - | <del> </del> |               |         | <del> </del> - |                 | <del> </del>    |              |              |               |          | 28        |
| 8/ 7        | 1  | İ            |          |              |         |        |              |                |                  |                |              |               |         |                |                 |                 |              |              |               |          | 13        |
| 6/ 5        | <del> </del>                                     | ├            |          |              |         |        |              | <del></del>    |                  |                | <del> </del> | <del>  </del> |         | <del> </del>   |                 |                 |              |              | <del>  </del> |          | 4         |
| 4/ 3        |  |              |          |              |         |        |              |                |                  | 1              | Ì            |               |         |                |                 |                 | l            |              |               |          | 3         |
| Element (X) |  | ZX2          | L        | <del> </del> | ]<br>Σχ |        | X            | · ·            | <del>'</del> —т− | No. Ol         | T            |               |         | Ц              | Mean )          | lo. of H        | ours wie     | h Tempera    | lure          |          |           |
| Rel. Hum.   | <del> </del> -                                   |              |          | <del> </del> | _^      |        |              | -              | $\dashv$         | -,,,,,,        |              | ± 0 1         |         | ± 32 F         | ≥ 67            |                 | 73 F         | ≥ 80 F       | - 93 F        |          | Total     |
| Dry Bulb    | <del>                                     </del> |              |          |              |         |        |              | -              | +-               |                |              |               |         |                | <del>  0/</del> | <del>`</del> +- |              |              |               | -+       |           |
| Wet Bulb    | <del> </del>                                     |              |          |              |         |        |              | <del>  -</del> |                  |                |              |               |         |                | <del> </del>    |                 |              | <del> </del> |               |          |           |
|             | <u> </u>   |              |          | <b></b>      |         |        |              | ļ              |                  |                |              |               |         |                | ļ               |                 |              | 1            |               |          |           |

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 43311 TOKYL TAP JAPAN/FUNSHU 47-60,68-72 JAN 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 - 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | z 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point -2/ -3 5 TOTAL 1650 1651 1650 ರ 89505 89505 X 54.218.311 Mean No. of Hours with Temperature Element (X) 5408137 1650 3 32 F ≥67 F = 73 F = 80 F = 93 F Rel. Hum. 46.0 5.370 39.2 5.025 3537474 75884 1650 . 2 Dry Bulb 2583075 64801 1651 Wet Bulb 1650 93 1541282 47966 29.1 9.438 Dew Point **玉水** 莎玉

PSYCHROMETRIC SUMMARY

43311 TORYG TAP JAPAN/HONSHU STATION NAME

DATA PRUCESSING BRANCH

USAF ETAC AIR WEATHER SERVICE/MAC

47-60,68-72

PAGE 1

1500=1700 HOURS (L. S. T.)

| Temp          |              |       |              |       |  |                |  |              |                | DEPRE  |            |  |                  |             |  |               |  | TOTAL        |               | TOTAL     |           |
|---------------|--------------|-------|--------------|-------|--|----------------|--|--------------|----------------|--|------------|--|------------------|-------------|--|---------------|--|--------------|---------------|-----------|-----------|
| (F)           | 0            | 1 - 2 | 3 - 4        | 5 - 6 | 7 - 8  | 9 - 10         | 11 - 12  | 13 - 14      | 15 - 16        | 17 - 18  | 19 - 20    | 21 - 22  | 23 - 24          | 25 - 26     | 27 - 28  | 29 - 30       | ≥ 31   | D.B. W.B.    | Dry Bulb      | Wet Bulb  | Dew Point |
| 70/ 69        |              |       |              |       |  |                | • 1  |              | -              |  |            |  | Ţ,               |             | i  |               | 1  | 1            | 1             |           |           |
| 68/ 67        |              |       |              |       |  | 1              |  | 1            | Ĺ              |  |            |  |                  |             |  |               |  |              | 2             |           |           |
| 66/ 65        |              |       |              |       | - 1  |                | . 1  | . 1          |                |  |            |  |                  |             |  |               |  | 3            | 3             |           | 1         |
| 64/ 63        |              |       | . 1          | . 1   |  |                | 1  | . 1          |                |  |            |  |                  |             |  |               |  | 5            | 5             |           |           |
| 62/ 61        |              |       | . 1          |       | .2   | . 1            | . 2  |              | "              | 1 !  |            | . !  |                  |             |  |               | 1  | 10           | 10            | ļ         |           |
| 60/ 59        |              |       | . 2          | 1     | -1   | 1              | 2  | .1           |                |  |            |  |                  |             |  |               | <u> </u>   | 12           | 12            | 3         |           |
| 58/ 57        |              |       | . 1          | • 1,  | .5   |                | • 1  |              | , <u>1</u>     |  |            | i i  |                  |             | l i  |               | 1  | 16           | 1.6           | 7         |           |
| 56/ 55        |              | -1    | 2            |       | - 5  |                |  |              | -1             |  |            | igsquare   |                  |             |  |               |  | 37           | 37            | 5         |           |
| 54/ 53        |              | • 1   | . 2          |       |  |                |  | • 2          |                |  |            | i I  |                  |             |  |               | l  | 59           |               | 7         | 5         |
| 52/ 51        |              | 5     | 5            | 2.0   |  |                | 5  | 1            |                |  |            |  |                  |             |  |               | <u> </u>   | 104          | 104           | 17        |           |
| 50/ 49        | • 1          | 1.0   |              |       |  |                | 1.1  | .2           |                |  |            | i 1  |                  |             |  |               |  | 222          | 224           | 45        |           |
| 48/ 47        |              | 1.0   | 2.7          |       |  |                | وم   | 1            |                | لــــــا   |            |  |                  |             |  |               | <b> </b>   | 222          | 222           | 67        |           |
| 46/ 45        | 1            | 1.7   |              |       |  |                | 1.3  | •1           |                |  |            | i I  |                  |             |  |               |  | 303          |               | 123       |           |
| 44/43         |              | 1.4   | 1.6          |       |  | 3.2            | 3  |              |                | <b></b>  |            |  |                  |             |  | <u> </u>      | ļ  | 227          |               | 158       |           |
| 42/ 41        |              | 1.2   |              |       |  |                | .4   |              |                |  |            | 1 1  |                  |             |  |               |  | 186          |               | 230       |           |
| 40/ 39        | 3            | 1.8   | 1.6          |       | 1.3  |                | 2  |              |                | <b> </b>   | <b> </b>   | <del></del>                                      |                  |             |  |               | <u> </u>   | 129          | 129           | 249       |           |
| 38/ 37        | .2           | 1.3   |              |       | .3   | •1             |  |              |                |  |            | 1 1  |                  |             | ĺ  |               |  | 48           |               | 227       |           |
| 36/ 35        | 4            | 1.2   | 2            | 2     | . 2  | <del> </del>   | <del> </del>                                     | <del> </del> |                | <b> </b>   | <b> </b> - |  |                  |             |  |               | ├─   | 35           | *****         | 255       |           |
| 34/ 33        | .5           | .5    | i            | • 1   |  |                |  |              | l              |  |            | 1 1  |                  | l           | ł  |               |  | 18           | 18            |           |           |
| 32/ 31        |              |       | <del> </del> |       |  | <del> </del> - |  |              |                | <del>                                     </del> | <u> </u>   | <del>                                     </del> |                  | <del></del> | <del> </del>                                     | <del> </del>  | <del> </del>                                     | ┼──          | <del>  </del> | <u>56</u> |           |
| 30/ 29        | 1            |       | ļ            |       | j ,  |                | ł  | !            |                |  | 1          | 1 1  |                  |             | ľ  | !             |  |              | ]             | 20        | 143       |
| 28/ 27        |              |       | <b></b>      | ļ     |  |                |  | <del> </del> | <del> </del> - |  |            | <del></del>                                      |                  |             |  | <del></del> - |  | ┼──          | <del></del>   | <u></u>   | 1         |
| 26/ 25 24/ 23 |              |       | l            | j     |  |                |  |              |                |  |            | 1 1  |                  |             |  | ĺ             | 1  |              |               |           | 100       |
| 22/ 21        | <del> </del> |       |              |       | -  | <del> </del>   |  |              |                | <del> </del>                                     |            | <del> </del>                                     |                  |             |  |               | ├──  | <del> </del> |               |           | 70        |
| 20/ 19        | 1            |       |              |       | i  | }              | <b>\</b>   | }            | <b>S</b>       | 1 '  | <b>'</b>   | 1  |                  |             | İ  | 1             | 1  |              | 1             |           | 7.5       |
| 18/ 17        |              |       |              |       | <del>                                     </del> |                | <del>                                     </del> |              |                |  |            | -  |                  | _           | <del>                                     </del> |               | <del>                                     </del> | 1            |               |           | 57        |
| 16/ 15        |              |       |              |       |  |                | ļ  |              | ł              | '  | İ          | 1 1  |                  |             |  | Ī             |  |              |               |           | 37        |
| 14/ 13        |              |       |              | i —   |  |                |  | i            |                | <u> </u>   |            |  |                  |             |  |               |  | 1            |               |           | 2.8       |
| 12/ 11        |              |       | l            |       |  |                |  |              |                |  |            |  | -                | İ           |  |               |  |              | L !           | İ         | 22        |
| 10/ 9         | I —          |       |              |       | i  | ĺ              | <u> </u>   |              |                |  |            |  |                  |             | <u> </u>   | i             | 1  |              |               |           | 24        |
| 8/ 7          | <u></u>      |       |              |       |  |                |  |              |                |  |            |  |                  | <u> </u>    |  | <u></u>       | <u> </u>   | 1            |               | L         | 9         |
| 6/ 5          |              |       |              |       |  | ]              |  |              |                |  |            |  |                  |             |  |               |  | 1            |               |           | 4         |
| 4/ 3          |              |       | <u> </u>     |       |  |                | <u> </u>   |              | <u> </u>       |  | <u> </u>   |  |                  |             |  |               |  | <u> </u>     |               | L         | 4         |
| Element (X)   |              | Σχ'   |              |       | ZX   | $\bot$         | X  | · *          |                | No. Ob   | 15.        |  |                  |             |  |               |  | h Tempera    |               |           |           |
| Rel. Hum.     |              |       |              |       |  |                |  |              |                |  |            | _ 1 0 F  | <u>نـــاـــٰ</u> | 32 F        | ≥ 67   | F :           | 73 F   | ≥ 80 F       | ≥ 93 1        |           | Total     |
| Dry Bulb      | ļ            |       |              | ļ     |  | _              |  | ļ            | _              |  |            |  |                  |             | ļ  | _ _           |  | <del> </del> |               | _ _       |           |
| Wet Bulb      | 1            |       |              | 1     |  |                |  |              |                |  | l          |  | l                |             |  |               |  |              |               |           |           |
| Dew Point     |              |       |              | 1     |  |                |  |              |                |  |            |  |                  |             |  |               |  |              |               | ,         |           |

1 70%

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

TOKYO TAP JAPAN/PUNSHU 47-60,68-72 1500-1700 HOURS (L. S. T.) PAGE 2 Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 2/ 1 0/ -1 -2/ -3 -4/ -5 TOTAL 1 1.511.814.324.424.017.2 5.8 1.0 1642 1638 1639 1639 93406 Element (X) Mean No. of Hours with Temperature 5890332 57.016.560 1638 267 F 273 F 280 F 293 F 10F 132F Rel. Hum. 45.9 5.222 39.6 5.078 3501028 75334 93 1642 Dry Bulb 64928 93 Wet Bulb 2614318 1639 49586 30.3 9.457 Dew Point 1647498 93

FORM 0.26.5 (OLA) REVISED MEYIOUS EDITIONS OF THIS FC

SAFETAC FORM

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

## PSYCHROMETRIC SUMMARY

43311 TONY: 1AP JAPAN/HUNSHU 47-60,68-72 JAN MONTH

STATION STATION NAME PAGE 1 1800-2000

| Temp.            |              |          |          |          |                | WET    | BULB 1   | EMPER    | ATURE        | DEPRE  | SSION (        | F)           |         |                |              |              |              | TOTAL         |           | TOTAL        |  |
|------------------|--------------|----------|----------|----------|----------------|--------|----------|----------|--------------|--|----------------|--------------|---------|----------------|--------------|--------------|--------------|---------------|-----------|--------------|--|
| (F)              | 0            | 1 - 2    | 3 - 4    | 5 - 6    | 7 - 8          | 9 - 10 | 11 - 12  | 13 - 14  | 15 - 16      | 17 - 18  | 19 - 20        | 21 - 22      | 23 - 24 | 25 - 26        | 27 - 28      | 29 - 30      | ≥ 31         | D.B. W.B.     | )ry Bulb  | Wet Bulb     | Dew Poir                                     |
| 66/ 65           |              |          |          | • )      |                |        |          |          |              |  |                |              |         |                |              |              |              | 1             | 1         |              |  |
| 64/ 63           |              |          |          | . 1      | . 1            |        |          | _        |              |  |                |              |         |                |              |              |              | 2             |           |              | Í  |
| 62/ 61           |              |          |          | • 1      | - 1            | . 1    |          |          |              |  |                |              |         |                |              |              |              | 4             | 4         |              |  |
| 60/ 59           |              | 1        | . 1      |          |                |        | ۱        |          |              |  |                |              |         | <u> </u>       |              |              |              | 4             | 4         | 1            | <u> </u>                                     |
| 58/ 57           |              |          |          | • 3      |                | . 2    |          |          |              |  |                |              |         |                |              |              |              | 5             | 5         | 5            |  |
| 56/ 55           |              | . 2      |          | -1       | . 5            | 1      |          |          |              |  |                |              |         |                |              |              | <u> </u>     | 14            | 14        | 1            |  |
| 54/ 53           |              |          | .4       | . 3      | . 5            |        | . 1      |          |              |  | l              | i            |         |                |              |              | 1            | 23            | 23        | 4            |  |
| 52/ 51           |              | . 3      | 1.0      | _        | 1.0            | 1      | لب_      |          |              |  |                |              |         |                |              |              | <u> </u>     | 55            | 55        | 7            | ļ  |
| 50/ 49           | • 1          |          |          |          |                | . 3    | . 2      |          |              |  |                |              |         |                |              |              | 1            | 116           | 116       |              |  |
| 48/ 47           |              | 1.8      | 2.5      | 2.9      |                | . 8    | 1        |          |              |  |                |              |         |                |              |              | ļ            | 156           | 156       | 64           |  |
| 46/ 45           | • 1          |          |          |          |                | 1.0    | • 2      |          |              |  |                |              |         |                |              |              |              | 257           | 257       |              |  |
| 4/ 43            |              | 1.5      |          |          | 2.8            |        | 1        |          |              |  | <del> </del>   |              | -       |                |              |              | <del> </del> | 222           | 225       | 144          | 6  |
| 42/ 41           | . 3          |          | 3.8      |          |                | 2.2    |          |          |              |  |                |              |         |                |              |              |              | 290           | 290       |              |  |
| 0/ 39            | <del>.</del> | 2.2      |          |          |                | 7      |          |          |              | <del> </del>                                     |                |              |         | <del> </del>   |              |              | ├            | 213           | 213       | 228          |  |
| 38/ 37           | • 5          |          | 2.6      | 2.4      |                | . 3    |          |          |              |  |                |              |         |                |              |              |              | 143           | 143<br>98 |              |  |
| 36/ 35           | 8            |          |          |          |                |        |          |          |              | <del></del>                                      |                |              |         | -              |              | -            | ┼            | 41            | 41        |              |  |
| 34/ 33<br>32/ 31 | .5           | .9       | .4       | •2       |                |        |          |          |              | 1  | l              | l '          |         | 1              |              |              | Í            | 41            | · • 1     | 150          |  |
| 30/ 29           |              |          | 4.4      |          |                |        |          |          |              | <del>                                     </del> | <del> </del> - | <del> </del> |         |                |              |              |              |               |           | 61           |  |
| 28/ 27           |              |          |          |          |                |        |          |          |              |  | ļ              |              |         |                | ļ            |              | ŀ            | į l           |           | 19           |  |
| 26/ 25           |              |          |          |          |                |        |          |          |              |  |                |              |         |                |              |              |              |               |           | 8            | 11   |
| 24/ 23           |              |          |          |          |                |        |          |          |              | ¦  |                |              |         |                |              |              |              | !             |           |              | 9  |
| 22/ 21           |              |          |          |          |                | _      |          |          |              |  |                | Ī            |         |                |              |              | Ĭ            |               |           |              | -6   |
| 20/ 19           |              |          |          |          |                |        |          | <u> </u> |              |  | <u> </u>       |              |         |                |              |              |              |               |           |              |  |
| 18/ 17           |              | ł        | <b>i</b> |          |                |        |          |          | İ            | 1  | 1              | ľ            |         | l              |              | •            | 1            | i l           |           | 1            | ؛ [  |
| 6/ 15            |              |          |          | <u> </u> |                |        |          |          |              |  | ļ              |              |         | ļ              |              |              | Ļ            | ļ             |           |              | <u>                                     </u> |
| 14/ 13           |              |          |          |          |                |        |          |          |              |  |                |              |         |                |              | ŀ            |              |               |           |              | :  |
| 2/ 11            |              | <u> </u> | <u> </u> |          |                |        |          | L        |              | ⊢-   |                |              |         | ļ              | <b> </b>     |              | ļ            |               |           |              | <u> </u>                                     |
| 10/ 9            |              |          | !<br>!   |          |                |        |          |          |              |  |                | l            |         |                | ł            |              | 1            |               |           | !            | 1  |
| 8/ 7             |              | ├        | ļ        | <u> </u> |                |        | ļ        |          | <del> </del> |  | <del> </del> - | ├─           |         | <del> </del> - |              | <del> </del> | $\vdash$     | <del>  </del> |           | <del> </del> | 1  |
| 6/ 5             |              | <b> </b> |          |          |                |        | ļ        | ļ        | ļ            |  | į              |              |         |                | ļ            | ĺ            |              |               |           | 1            | <b> </b>                                     |
| 4/ 3             | 2 5          | 15 3     | 25 0     | 20 2     | 21.3           | 4 0    |          | ├        |              | <del> </del>                                     | ┼─-            | <del> </del> | ├       | <del> </del>   | <del> </del> |              | +-           | 1 -           | 1653      | <del> </del> | 16!  |
| 3TAL             | 2.0          | 1200     | 23.4     | 60.2     | (103           | 0.8    | 8.       | 1        | }            |  |                |              | 1       | 1              |              | Ì            |              | 1650          | 1023      | 1650         |  |
| lement (X)       |              | Σχ²      | Ь        |          | ż <sub>x</sub> | 7      | <u> </u> | <b>₹</b> | <del>'</del> | No. O  | . T            |              | L       | <del></del>    | Mean I       | No. of H     | lours wif    | h Temperati   | ure .     | 1030         |  |
| tel. Hum.        |              |          | 9519     |          | 1038           | 89     |          | 17.5     |              | 16   | 50             | <b>±</b> 0   | F       | ≤ 32 F         | ≥ 67         | F            | ≥ 73 F       | ≥ 80 F        | z 93      | F            | Total  |
| ry Bulb          |              |          | 3912     |          | 712            |        |          | 4,9      |              |  | 53             |              |         | . 3            |              |              |              |               | $\Box$    |              |  |
| Wet Bulb         |              |          | 3898     |          | 629            | 16     |          | 5.2      |              |  | 50             |              |         | 13.4           |              |              |              |               |           |              |  |
| Dew Point        |              |          | 7310     |          | 502            |        | 30.5     |          |              |  | 50             |              |         | 51.4           |              | T            |              | 1             | 1         |              | 9  |

4 0.26-5 (OL A) RENSED MEYICUS EDI

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DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SEPVICE/HAC 47-60,68-72 43311 TIKYG JAP JAPAN/HUNSHU
STATION NAME JAN YEARS 2100-2300 HOURS (L. S. T.) PAGE 1 TOTAL TOTAL DIS Bulb Wet Bulb Dew Poin WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 64/ 63 • 1 60/ 59 • 1 56/ 55 2 • l • 1 53 52/ 51 15 9 50/ 49 58 1.3 2.0 96 96 40/ 45 73 146 146 2.7 3.8 2.9 44/ 43 . <u>1</u> . 2 105 1.4 186 45 186 42/ 41 239 239 142 5.0 4.4 4.9 4.0 3.5 4.4 3.2 2.4 40/ 39 .6 261 261 167 107 38/ 27 241 200 99 241 211 36/ 35 2.1 2.1 211 242 139 2.7 2.2 34/ 33 244 143 199 32/ 31 160 157 30/ 29 132 28/ 27 105 113 24/ 23 113 107 20/ 19 65 18/ 17 69 16/ 15 72 32 12/ 11 13 10/ ತ 8/ 0.26.5 TOTAL 2.920.532.326.715.0 2.2 1645 1645 1645 1645 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 7644282 108660 66.116.776 1644 20F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F = 93 F 2741254 40.5 5.002 36.2 5.279 Dry Bulb 66646 1645 2.8 93 59620 93 Wer Bulb 2206636 1645 24.3 Dew Point 1543699 48343 29.4 8.650 56.9 93 T.

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR FEATHER SERVICE/MAC 43311 TUKY, TAP JAPAN/ UNSHU 47-60,68-72 FER 0000=0200 HOURS (L. S. T.) PACE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | + 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point 64/ 63 . 2 62/ 61 60/ 59 58/ 57 56/ 55 11 11 4 54/ 53 . 3 52/ 51 8 16 16 50/ 49 19 1.1 48/ 47 1.4 . 3 47 11 47 46/ 45 104 54 1.9 44/ 43 2.8 1.7 111 :12 57 40 42/ 41 171 175 44 40/ 39 38/ 37 3.1 . 1 4.6 3.2 1.3 68 186 118 188 4.6 226 221 153 70 6.2 0.1 170 36/ 35 3.9 1.5 271 271 90 2.0 34/ 33 4.7 229 118 32/ 31 1.5 91 219 · H 1 · 5 1.9 91 161 30/ 29 24 187 132 28/ 27 109 116 89 24/ 23 111 22/ 21 79 20/ 19 72 10/17 81 16/ 15 70 13 35 12/ 11 31 a 10/ 16 ĝ 8/ 7 ß 41\_ 0.26.5 -2/-31 TUTAL 4.923.533.428.5 1503 1514 1505 1505 z, Σx² No. Obs. Mean No. of Hours with Temperature Element (X) ¥ = 67 F | = 73 F | = 80 F | = 93 F Rel. Hum. # 0 F ± 32 F 7381533 102365 68.016.691 1505 39.0 5.689 35.2 6.064 28.7 9.342 Dry Bulb 2351448 59042 1514 24 Wet Bulb 1917313 52937 1505 84

1503

1367757

43113

56.1

84

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR FEATHER SERVICE/MAC 43311 T(IKY! TAP JAPAN/FUNSHI) 47-60,68-72 0300-0500 PAGE 1 TOTAL TOTAL Temp (F) WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B. W.B. Dry Bulb Wat Bulb Dew Point 64/ 63 62/ 61 60/ 59 ز و 58/ 57 56/ 55 . 1 3 **6** 3 52/ 51 14 2 11 11 50/ 49 48/ 47 1.2 34 13 . 1 34 46/ 45 81 32 81 .3 1.0 2.0 1.1 53 40 44/ 43 73 72 106 96 40/ 39 3.5 176 43 38/ 37 5,1 130 60 3,2 4.3 220 220 36/ 35 .3 0.9 4.4 4.7 1.5 148 80 266 268 .5 2.4 4.4 3.3 .5 1.3 1.9 1.1 32/ 31 162 163 242 134 30/ 29 204 73 28/ 27 .6 1.0 179 103 24 24 26/ 25 130 66 24/ 23 .1 18 115 22/ 21 90 18/ 17 86 16/ 15 84 51 12/ 11 10/ 9 26 14 8/ 5 1 3.927.636.224.6 7.0 TOTAL 1494 1495 No. Obs. Mean No. of Hours with Temperature Element (X) 1495 Rel. Hum. 7434864 10 F ≤ 32 F 267 F | 273 F | 280 F 102628 68.616.151 37.5 5.706 33.9 6.035 84 Dry Bulb 2168980 56504 1506 14.7 Wet Bulb 1773660 50698 1495 40.1 64

1494

84

1259115

41183

27.6 9.109

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 4331) THEY TAP JAPAN/FINSHU 47-60-68-72 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 · 31 D.B. W.B. Dry Builb Wet Builb Dew Point 66/ 45 64/ 63 60/ 59 58/ 57 36/ 55 54, 53 11 52/ 51 50/ 49 13 13 9 40/ 47 12 46: 45 1.9 39 16 62 62 34 .1 2.8 4.2 48/ 41 141 143 57 24 40/ 39 38/ 37 36/ 35 .3 3.1 3.9 .7 2.7 (.0 198 195 125 60 252 253 138 .9 4.4 7 2.8 5,5 34/ 33 4.3 2.34 236 179 115 32/ 31 157 246 120 1.5 3.0 79 30/ 29 . 1 227 105 .7 79 28/\_27 113 180 26/ 25 90 135 22/ 21 127 20/ 19 18/ 17 87 16/ 15 60 14/ 13 50 12/ 11 27 10/ 25 8/ B 6/ 5 4 -4/ -5 Mean No. of Hours with Temperature

267 F 273 F 280 F 293 F Element (X) Total Rel. Hum. ≤ 32 F 40 € Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 43311 THKY, JAP JAPAN/FIINSHU 47-60,68-72 S 30A9 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TOTAL 3.426.937.423.3 8.1 1476 1499 1477 1477 0.26-5 7200623 No. Obs. Element (X) Mean No. of Hours with Temperature 100219 Rel. Hum. ≤ 32 F 55345 37.2 5.749 49471 33.5 5.984 39716 26.9 9.091 84 2106309 1489 16.2 Dry Bulb 1709855 43.6 1477 Wet Bulb 1190570 1476 84 Dew Point

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/HAC TUKYL TAP JAPAN/HUNSHU 47-60:68-72 PAGE 1 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.5. W.B. Dry Bulb | Wet Bulb | Dew Point 70/ 69 66/ 65 64/ 63 62/ 61 60/ 59 3 • 1 15 56/ 55 11 2 8 54/ 53 30 30 7 52/ 51 38 50/ 49 85 48/ 47 2.2 105 106 171 175 44/ 43 3.3 2.5 82 29 1.1 175 42/ 41 255 2.56 121 3.0 163 4.2 4.8 40/ 39 210 63 1.3 211 38/ 37 70 162 36/ 35 2,1 3.0 1.5 209 126 128 102 34/ 33 267 111 64 65 32/ 31 . 3 10 10 246 145 • ] 30/ 29 121 28/ 27 125 22 201 25 112 24/ 23 98 29 22/ 20/ 19 87 45 16/ 15 0.26.5 (OL A) 14/ 38 12/ 1: 10/ 9 14 8/ 4/ 3 9 Element (X) Mean No. of Hours with Temperature ≥67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F ±0 F ≤ 32 F Rel. Hum. Dry Bulb Wet Bulb

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PSYCHROMETRIC SUMMARY DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/PAC 43311 TORY: TAP JAPAN/HUNSHU 47-60,68-72 0900-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL
D.B. W.P. Dry Bulb Wet Bulb Dew Point TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1490 TUTAL 2.814.221.523.622.611.1 3.4 1502 ٠Ó 1490 1490 0-25-5 (OL A) 88351 59.319.229 No. Obs. Mean No. of Hours with Temperature Element (X) 5789429 1490 Rel. Hum. 10F ± 32 F 267 F 273 F 280 F 293 F 63840 42.5 5.741 55153 37.0 5.529 41833 28.1 9.624 2762876 Dry Bulb 1502 84 Wet Bulb 2087033 18.5 84 1490 Dew Point 1312423 1490

DATA PROCESSING FRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

43311 TUKYI, IAP JAPAN/HINSHU 47-60-68-72 1200-1400 HOURS (L. S. T.) PARE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 68/ 67 12 ٠i 66/ 65 64/ 63 12 12 62/ 61 60/ 59 33 33 58/ 57 24 56/ 55 44 45 4 54/ 53 52/ 51 50/ 49 1.2 100 27 ઇ 1,7 1.8 103 120 34 1.1 3.1 48/ 47 1.1 2.3 2.4 179 179 67 15 46/ 45 256 94 2.3 5.0 44/ 43 3.5 2.9 128 46 232 232 • 1 168 156 64 40/ 39 . 1 1.6 1.6 1.6 1.0 94 95 222 73 38/ 37 231 97 50 233 36/ 35 39 118 1.3 41 34/ 33 179 130 32/ 31 . 3 124 123 30/ 29 28/ 27 98 26/ 25 95 24/ 23 88 22/ 21 95 20/ 19 48 18/ 17 44 16/ 15 44 14/13 12/ 11 34 10/ 26 8/ 11 ß 41 3 3 Σχż No. Obs. Element (X) Mean No. of Hours with Temperature Dry Bulb

FETAC FORM 0.26-5 (

Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 43311 TURYO LAP JAPAN/FUNSHU 47=50,68=72 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)
TOTAL
TOTAL
1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 28 27 . 28 29 . 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) -2/ -3 TOTAL 1502 1503 1503 (OLA) 0.26-5 Mean No. of Hours with Temperature No. Obs. 83966 5278604 1503 10F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ⊴ 32 F 46.3 6.349 39.7 5.695 1514 3300573 70037 .6 Dry Bulb 2416307 59653 1503 4.6 84 Wet Bulb 44807 29.310.024 1502 84 1487487 Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

43311 TOKYO LAP JAPAN/HONSHU 47-60-68-72 1500-1700 HOURS (L. S. T.) PAGE 1

| Temp.       |              |              |              |                |              | WET    | BULB 1       | EMPER          | ATURE        | DEPRE  | SSION (      | F)           |                |  |              |              |  | TOTAL          |          | TOTAL  |          |
|-------------|--------------|--------------|--------------|----------------|--------------|--------|--------------|----------------|--------------|--|--------------|--------------|----------------|--|--------------|--------------|--|----------------|----------|--|----------|
| (F)         | 0            | 1 - 2        | 3 - 4        | 5 - 6          | 7 - 8        | 9 - 10 | 11 - 12      | 13 - 14        | 15 - 16      | 17 - 18  | 19 - 20      | 21 - 22      | 23 - 24        | 25 - 26  | 27 - 28      | 29 - 30      | ≥ 31   | D.B./W.B.      | Dry Buls | Wet Bulb   | Dew Poin |
| 68/ 67      |              |              |              | .,             |              | . 1    | • 1          | • 1            |              |  | . 1          |              |                |  | _            |              | 1  | 6              | 6        |  | 1        |
| 66/ 65      |              | <u> </u>     | -1           | i              | 1            |        |              |                |              | 1  |              |              |                |  |              |              |  | ภ              | 8        |  |          |
| 64/ 63      |              | .1           | .1           | • 1            | .3           | . 2    |              | • 2            |              |  |              |              |                |  |              |              | 1  | 14             | 14       |  | İ        |
| 62/ 61      |              |              |              | 3              | 3            | 4      |              |                |              | <u> </u>   |              |              |                | <u> </u>   |              |              | <u> </u>   | 17             | 17       | 6  | 11       |
| 60/ 59      |              | l            | .3           | • 2            | . 3          | . 8    |              | . 3            | _            |  |              |              |                |  |              |              |  | 32             | 32       | 2  | 2        |
| 58/ 57      |              | <u> </u>     | 1 3          | .6             |              | 5      |              | 5              |              |  |              |              |                |  |              |              |  | 44             | 44       | 7  | 3        |
| 56/ 55      |              | .2           | . 3          | . 5            | 1.3          | . 5    | .6           | • 1            |              | 1  |              |              |                | 1  |              |              | }  | 58             | 58       | 15   | 4        |
| 54/ 53      |              | . 3          | 8            |                | - 9          | 8      | 3            | 1              | 1            |  |              |              |                |  |              |              | <u> </u>   | -68            | 69       | 19   | 8        |
| 52/ 51      | 1            | .5           | 8.           | .9             | 2.4          | .9     | .9           | . 3            | Ì            |  |              |              |                |  |              |              | l  | 102            | 103      | 36   |          |
| 50/ 49      | ٠.,          | 7            | 1.8          | 2.8            | 2.2          | 2.0    | 7            | هـــــ         |              |  |              |              |                | <u> </u>   |              |              | <u> </u>   | 164            | 164      | 70   |          |
| 48/ 47      | .1           | .5           | 1.7          | 3.2            | 2.9          | 1.8    | .6           | . 3            | ]            |  |              |              |                | l  |              |              | i  | 167            | 168      | 71   |          |
| 46/ 45      |              | 1.7          | 1.9          | 3 . B          | 3.8          | 4.1    | 2.1          |                | <u> </u>     |  |              |              |                |  |              |              |  | 268            | 268      | 115  |          |
| 44/ 43      | 1 .1         | 1.1          | 2.2          | 3.2            | 3.7          | 2.6    | .7           |                |              |  |              |              |                |  |              |              | Í  | 204            | 204      | 158  | 67       |
| 42/ 41      | 1.1          | 1.7          | 2.4          | 3.2            | 2.2          | 9      | 2            |                |              | ļ  |              |              |                |  |              |              | ļ  | 161            | _16i     | 137  | 69       |
| 40/ 39      | . 3          | 1.5          | 1.3          | 1.2            | 1.1          | .5     | !            |                | 1            | ì  | }<br>        |              |                |  |              |              | Ì  | 90             | 90       | 241  |          |
| 38/ 37      |              |              |              | . 4            | 1            | 1      |              |                |              |  |              |              |                |  |              |              | ļ  | 35             | 35       | 205  |          |
| 36/ 35      |              | 1.5          | . 2          | • 3            | ٠ ١          |        |              |                |              | )  |              |              |                | Ì  |              |              | 1  | 33             | 41       |  |          |
| 34/ 33      |              | 1.4          | <u> </u>     | L              |              |        |              |                | ļ            | Ļ  |              |              |                | <del> </del>                                     |              |              | <del> </del> _                                   | 2.5            | 25       |  |          |
| 32/ 31      |              | - 1          | .]           |                | i .          |        |              |                |              | 1  |              |              |                | l  |              |              | i  | 11             | 11       | 64   |          |
| 30/ 29      |              | <b>.</b>     | ┞            | ļ              |              |        |              |                |              | ļ  | <u> </u>     |              |                |  | <u> </u>     |              | <del> </del>                                     |                | 1        | 14   | -        |
| 28/ 27      | {            |              | [            |                |              |        | [            |                |              |  |              |              |                | l  | [            |              | į  |                |          | 1  | 105      |
| 26/ 25      |              | <del> </del> | <del>-</del> | <del> </del> - | <u> </u>     |        | ļ            | <b> </b>       |              | <del> </del>                                     |              |              |                | <b> </b> -                                       | <u> </u>     |              | <del> </del>                                     | <del> </del>   |          |  | 84       |
| 24/ 23      | ı            |              |              | •              |              |        |              |                | ļ            | i  | i            |              |                | ĺ  | l            |              | ł  | i l            |          |  | 72       |
| 22/ 21      | <del> </del> | ├            |              | <del> </del>   |              |        |              | <u> </u>       | <del> </del> | <del>                                     </del> |              | <b> </b>     |                | <del> </del>                                     | <b> </b>     |              | <del>                                     </del> | <b> </b>       |          | <b></b> -  | -68      |
| 20/ 19      |              |              |              |                |              |        |              |                |              |  | ļ            |              |                |  |              |              | ľ  |                |          |  | 51       |
| 18/ 17      |              | ├            | <b>├</b> ──  | <del> </del>   |              |        |              |                |              | <del> </del> -                                   | <u> </u>     |              |                |  | <del> </del> |              | <del> </del>                                     |                |          | <del> </del> -                                   | 33       |
| 16/ 15      |              |              |              | l              |              |        |              |                |              |  |              |              |                | l  | •            |              |  |                |          |  | 40       |
| 14/ 13      |              | <del> </del> | <del> </del> | <del> </del> - |              |        |              | <del> </del>   |              | <del> </del>                                     | <del> </del> |              |                | <del> </del>                                     | <del> </del> |              | <del>├</del>                                     |                |          | <del> </del>                                     | 30       |
| 12/ 11      |              | 1            | ]            |                |              |        |              | l              |              | 1  |              |              |                | l  |              |              | ŀ  |                |          |  | 22       |
| 10/ 9       |              | <del> </del> | <del> </del> | ┧              | <del> </del> |        | <del> </del> | <del> </del>   | <b> </b>     | ├  | <del></del>  |              | <del> </del>   | <del> </del> -                                   |              |              |  | <del> </del>   |          |  | 19       |
| 8/ 7        |              |              |              |                |              |        |              |                |              |  |              | Ì            |                |  |              |              |  |                |          |  | 9        |
| 6/ 5        | +            | <del> </del> | <del> </del> | <del> </del>   |              |        |              | <del> </del> - |              | +  |              | <del> </del> | <del> </del> - | <del>                                     </del> | ├            | <del> </del> | <del> </del>                                     | <del> </del> - |          | <del>                                     </del> | <u>6</u> |
| 4/ 3        | <u> </u>     |              | <u> </u>     |                |              |        | <u> </u>     |                | <u> </u>     | <u> </u>   |              | <u> </u>     |                |  |              |              | <u>L_</u>  |                |          |  | 2        |
| Element (X) |              | Σχ²          |              |                | z x          | $\Box$ | X            | <b>"</b> g     |              | No. O  | s            |              |                |  |              |              |  | h Tempera      |          |  |          |
| Rel. Hum.   | <del> </del> |              |              | <u> </u>       |              |        |              | <u> </u>       |              |  |              | <b>£</b> 0   | F              | ≤ 32 F   | ≥ 67         | F            | 73 F   | ≥ 80 F         | 2 93     | <u> </u>   | Total    |
| Dry Bulb    | <u> </u>     |              |              | <u> </u>       |              |        |              | <u> </u>       |              |  |              |              | _              |  |              | _ _          |  | <u> </u>       | _        |  |          |
| Wet Bulb    | <u> </u>     |              |              | ļ              |              | _ _    |              |                | _ _          |  |              |              | _              |  |              |              |  | <u> </u>       |          |  |          |
| Dew Point   | <u></u>      |              |              |                |              | L      |              | L              | L_           |  |              |              |                |  |              | l_           |  | <u> </u>       |          |  |          |

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/HAC 43311 TORYI : JAP JAPAN/HUNSHU 47-60,68-72 1500 - 1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TUTAL 2.512.214.722.322.316.3 6.9 2.4 .1 • 1 . 1 1519 1513 1513 かられているという まなからいなからのはななないのではないないないないというないのであるというないので **EDITIONS OF THIS** 0.26.5 (OL A) No. Obs. Mean No. of Hours with Temperature 87686 5663762 58.019.618 1513 ≤ 32 F 267 F 273 F 280 F 293 F ≤ 0 F Total 46.7 6.396 40.4 5.600 31.3 9.881 3373545 70923 1519 Dry Bulb 84 2521925 61145 1513 Wet Bulb 84 Dew Point 1630029 47359 1513 44.4 84

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

43311 TONY : TAP JAPAN/HUNSHU STATION NAME 47-60-68-72 PAGE 1 1800-2000 HOURS (L. S. T.) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point 64/ 63 62/ 61 60/ 59 58/ 57 56/ 55 . 8 .3 . 1 • 1 . 7 40 40 1 54/ 53 52/ 51 1.1 1.0 64 65 27 4 50/ 49 47 48/ 47 1.1 2.8 2.6 62 129 130 26 46/ 45 190 39 44/ 43 . 1 1.6 3.6 5.3 2.6 69 234 234 122 42/ 41 78 256 256 157 2.0 40/ 39 1.7 2.9 147 147 190 95 38/ 37 2.4 18 . 7 36/ 35 1.3 1.0 1.3 189 71 140 34/ 33 156 124 32/ 31 . 6 123 162 . 2 • 1 14 14 117 62 28/ 27 16 96 79 24/ 23 57 22/\_21 43 20/ 19 59 34 16/ 15 53 30 12/ 11 34 10/ 8/ 9 3 TOTAL 1503 1503 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F = 93 F 10F ± 32 F 6495818 94876 63.118.369 1503 Dry Buib 43,9 5.690 38,9 5.745 2962873 66377 1512 84 Wer Bulb 1503 2318274 58394 64 Dew Point 1.601068 46682 31.2 9.610 1503

0.26.5 (OL A) stristo merious torions of this folia

USAFETAC FORM 0.26.

USAF ETAC AIR EATHER SERVICE/MAC 43311 TOKY JAP JAPAN/HUNSHU 47-60,68-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 64/ 63 62/ 61 60/ 59 58/ 57 56/ 55 .5 16 • 1 54/ 53 19 52/ 51 . 3 33 50/ 49 2.3 1.4 99 49/ 47 46/ 45 135 44/ 43 Z.0 3.2 164 ŧ. 42/ 41 219 40/ 39 3.0 4.3 3.9 2.3 217 38/ 37 2.0 175 2.3 3.0 36/ 35 .7 183 4.1 34/ 33 1.8 100 . 5 32/ 31 32 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 18/ 17 16/ 15 12/ 11 10/ 7 8/ 6/ 4/2/ 3 FOEW JUL 64 -2/ -3 No. Obs. Element (X) Mean No. of Hours with Temperature 132 F 267 F 273 F 280 F 293 F Rel. Hum. 10F Dry Bulb Wer Bulb Dew Point

DATA PROCESSING BRANCH

1 .

PSYCHROMETRIC SUMMARY

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TOTAL

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<u>66</u>

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3

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEKVICE/MAC

# PSYCHROMETRIC SUMMARY

43311 TUKYN TAP JAPAN/HINSHU

PAGE 2

| Temp.       |  |  |              |              |  | WET          | BULB   | TEMPER       | RATURE       | DEPRE        | SSION (  | F)        |  |              |         |          |  | TOTAL  |          | TOTAL  |              |
|-------------|--|--|--------------|--------------|--|--------------|--|--------------|--------------|--------------|--|-----------|--|--------------|---------|----------|--|--|----------|--|--------------|
| (F)         | 0  | 1 - 2  | 3 - 4        | 5 - 6        | 7 - 8  | 9 - 10       | 11 - 12  | 13 - 14      | 15 - 16      | 17 - 18      | 19 - 20  | 21 - 22   | 23 - 24                                | 25 - 26      | 27 - 28 | 29 - 30  | ≥ 31   | D.8./W.B.  | Dry Bulb | Wet Bulb   | Dew Po       |
| DTAL        | 3.9  | 21.2   | 31.5         | 26.2         | 12.8   | 4.0          | • 3  |              |              |              |  |           |  |              |         |          |  | 1503   | 1512     |  | 150          |
|             |  |  |              |              |  |              |  |              |              |              |  |           |  |              |         |          |  |  |          |  |              |
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|             |  |  |              |              |  |              |  |              |              |              |  |           |  |              |         | ]        |  |  |          |  |              |
| Element (X) | <del>                                     </del> | Σχ'  | <u> </u>     | -            | z <sub>x</sub>                                   | <del></del>  | X  | •,           |              | No. OI       | · · · · · ·                                      | L——       | L                                      | <u> </u>     | Meon I  | No. of H | ours wit   | h Tempera  | lure     | J  |              |
| Rel. Hum.   |  |  | 2148         | <del></del>  | 1002   | 64           | 66.7   | 17.7         | 78           |              | 03   | <b>10</b> | F                                      | ⊴ 32 F       | ≥ 67    |          | 73 F   | ≥ 80 F   | ≥ 93     | F  | Total        |
| Dry Bulb    |  | 263  | 5829         | <u> </u>     | 625  | 37           | 41.4   | 5.7          | 10           | 15           | 12   |           | $\perp$                                | 2.3          |         |          |  | ļ  |          |  |              |
| Wer Bulb    | L  |  | 4910         |              |  | 90           | 37.1   | 5.9          | 98           |              | 03   |           | _ _                                    | 20.6         |         | -        |  | <del> </del>                                     | _        |  |              |
| Dew Point   | <u> </u>   | 151  | 9950         | <u> </u>     | 456  | <u> </u>     | 30.3   | 9.4          | 981          | 15           | 03   |           | ــــــــــــــــــــــــــــــــــــــ | 46.9         | 1       | L_       |  |  |          |  |              |

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 47-60-67-72 4331 TURY: TAP JAPAN/HINSHU 0000-0260 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30, = 31 66/ 65 64/ 63 62/ 61 . 2 • 2 16 16 2 60/ 59 30 30 7 58/ 57 17 17 56/ 55 38 54/ 53 23 52 / 51 90 90 37 42 50/ 49 3.0 93 51 77 . 1 3.1 156 156 170 96 46/ 45 4.2 4.1 2.0 224 224 158 2.6 44/ 43 4.4 2.0 172 111 201 261 3.3 2.2 2.7 3.0 176 196 42/ 41 2.0 2.0 143 176 40/ 39 3.0 227 156 129 38/ 37 2.1 2.0 2.6 157 157 140 1.3 2.5 192 36/ 35 130 124 130 175 34/ 33 109 1.3 52 52 32/31 111 30/ 29 - 1 106 28/ 27 43 76 26/ 25 17 57 24/ 23 61 22/ 21 18 20/ 19 59 18/ 17 57 34 14/ 13 31 (OL A) 12/ 11 18 10/ 9 15 6/ 5 Z FOR 64 2/ 1 1 0/ Mean No. of Hours with Temperature Element (X) USAFETAC 267 F 273 F 280 F 293 F Rel. Hum. 2 0 F 1 32 F Total Dry Bulb Wet Bulb Dew Point , T

DATA PROCESSING ARANCH USAF ETAC AIR SEATHER SERVICE/MAC

43311 ILLLY, TAP JAPAN/FINSHIS

### **PSYCHROMETRIC SUMMARY**

93

\_0000 =0200 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin TOTAL 3.029.528.623.013.4 2.2 .2 . 1 1782 1782 Element (X) No. Obs. Mean No. of Hours with Temperature 125360 1782 97654RU ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 70.317.520 ± 0 F 78529 44.1 6.533 71509 40.1 7.168 61182 34.310.764 Dry Bulb 3536627 1782 93 Wet Bulb 1782 2961065 93 Dew Point 2306946 1782

37.4

47-60.67-72 YEARS

(OL A) 0.26.5 FORM 24 64

DATA PROCESSING BRANCH USAF ETAC AIR EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

43311 Τ[1-V [AP JAPA:/+ INSHL] 47-60,67-72

YEARS

PAGE 1 0300-0500 Hours (L. S. T.)

| Temp.   |       |                |  |              |              | •            | WET    | BULB     | TEMPE        | RATUR  | E DEPR       | ESSION        | (F)  |  |                |  |              |              | TOTAL                 |                | TOTAL          |          |
|---|-------|----------------|--|--------------|--------------|--------------|--------|----------|--------------|--------|--------------|---------------|--|--|----------------|--|--------------|--------------|-----------------------|----------------|----------------|----------|
| (F)   | 0     | 1 - 2          | 3 - 4  | 5 - 6        | 7.1          | 8 9          | - 10   | 11 - 12  | 13 - 14      | 15 - 1 | 6 17 - 1     | 19 - 20       | 21 - 22  | 23 - 24  | 25 - 26        | 27 - 28  | 29 - 30      | ≥ 31         | D.B. W.B.             | Dry Bulb       | Wet Bulb       | Dew Poin |
| 66/ 65  |       |                |  |              | Ι.           | 1            |        | i        |              |        |              |               |  |  |                |  |              | Ī            | 7                     | 2              |                |          |
| 64/ 63  |       | . 1            |  | . 2          | ,            | 7            |        |          |              |        |              |               |  |  | 1              | ļ  | ļ            | ļ            | 10                    | 10             |                | l        |
| 62/ 61  |       | . 2            | . 4  | . 3          |              | 1            |        |          | 1            |        | 1            |               |  | i  | T              |  |              |              | 17                    | 17             | 2              |          |
| 60/ 59  |       | . 2            | . 3  |              |              | 1            |        | )        | 1            |        | 1            | 1             | 1  | 1  | 1              | )  | 1 _          | Ì            | 18                    | 18             | 10             |          |
| 58/ 57  | • 1   | . 5            | .2   | . 2          |              | 1            | . 1    |          | 1            | Ī      |              |               |  |  |                |  |              |              | 23                    | 23             | 22             |          |
| 56/ 55  | . 2   |                | . 2  | .3           |              | 1            | آ أ    |          |              |        |              |               |  |  |                |  |              | <u> </u>     | 31                    | 31             | 19             | 1 15     |
| 54/ 53  |       | .7             | .5   | . 2          |              | 2.           | • 1    |          |              |        |              |               |  |  |                |  | <u> </u>     |              | 29                    | 29             | 37             |          |
| 52/ 51  | . 3   |                | 1.0  |              |              | 2            | نب     |          |              |        |              | 1             | <u> </u>   |  | 1              |  |              | ļ            | 57                    | 57             | 28             |          |
| 50/ 49  | . 4   | 2.6            | 2.0  | . 5          |              | . 3          | . 1    |          |              |        | 1            |               |  |  |                |  |              | 1            | 104                   | 104            |                | 37       |
| 48/ 47  | 5     | 2.3            | 2.1  | 1.2          | ٠.           | 3            |        |          | <u> </u>     |        | 1            |               |  |  | <u> </u>       | <u> </u>   |              |              | 115                   | _115           | 80             | -        |
| 46/ 45  | 1.0   | 4.8            | 4.7  | 1.5          | , i          | 7            |        | 1        | l            |        |              | 1             |  |  | 1              | 1  |              | Ì            | 225                   | 225            | 130            | 76       |
| 44/ 43  | 3     |                | 2.9  | 2.4          | 11.          | 1            |        | i        | <del> </del> |        | →—           | J             |  |  | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>     | 194                   | 194            | 128            |          |
| 42/ 41  | . 2   |                |  | 2.1          | 1.           | 4            | . 3    | 3        | ì            |        | İ            | 1             | i  | 1  | ]              |  |              |              | 204                   | 204            |                |          |
| 40/ 39  | ,2    | 3.0            |  |              |              | اف           |        | <u> </u> |              |        | <del> </del> |               | <u> </u>   |  | ļ              | ļ  | ļ            | 1            | 185                   | 185            | 162            |          |
| 38/ 37  | . 2   | 2.6            |  |              | 1.           | . 2          | . 1    | L        |              |        | -            | İ             |  |  | 1              |  |              | 1            | 187                   | 187            | 186            |          |
| 36/ 35  | 2     | 3.3            |  |              | -            | .[2]         | لم_    | <u> </u> | ↓            | -      |              | <del>- </del> | <del> </del>                                     | ļ  |                | ļ  |              | <del> </del> | 215                   | _215           | 166            |          |
| 34/ 33  | . 2   | .6             | 1.5  | 1.9          |              | 6            |        |          | 1            |        |              | 1             | İ  |  | 1              |  |              |              | 86                    | 86             |                |          |
| 32/ 31  | 1     | 5              |  |              |              | 4            |        | <b>↓</b> |              |        |              |               | <del> </del>                                     |  |                | <del> </del>                                     | <del> </del> | <b>}</b>     | 5.2                   | _ 52           | 160            |          |
| 30/ 29  |       | • 2            | .5   | .3           | )            | -            |        |          |              |        | Į.           | 1             |  |  | l              | 1  |              | l            | $\lfloor -19 \rfloor$ | 19             |                |          |
| 28/ 27  |       | <b> </b>       | <u> </u>   | لعــا        | <del> </del> |              |        |          | +            | ┼—     |              | -             | <del> </del>                                     | ļ  | <b>├</b> ──    | <del> </del>                                     |              | ╂            | 3                     | 3              | 70             |          |
| 26/ 25  |       |                | 1  |              | 1            | ļ            |        | 1        |              |        |              |               |  | 1  | 1              | 1  |              |              |                       |                | 31             |          |
| 24/ 23  |       | <u> </u>       | <del> </del>                                     | <del> </del> | -            |              |        |          | +            | ┥—     |              | +-            | <del> </del>                                     | <del> </del> -                                   | ļ              | <del> </del>                                     |              | ╁──          | <del> </del>          |                | <del>  •</del> | 80       |
| 22/ 21  |       |                |  | 1            |              |              |        |          |              |        | ŀ            | ļ             | 1  |  |                | 1  |              | 1            |                       |                | 1              | 68       |
| 20/ 19  |       |                |  |              | ╁─           | -+           |        | ┼──      | ┿            |        |              | <del> </del>  | <del> </del>                                     | ├  |                | <del> </del>                                     | ├            | ┼            | <del> </del>          |                | <del> </del>   | 51       |
| 18/ 17  |       |                | 1  | l            | 1            | -            |        | į.       | 1            | -      | -            | -             | ļ .  | ļ  | 1              | 1  | ļ .          | 1            |                       |                | į              | 31       |
| 16/ 15  |       | <del> </del>   | ├  | ├            | ┧            | +            |        | +        | ╅            |        | -            |               | }  |  |                | <del>}</del>                                     | ┼            | 1            | 1                     |                |                | 41       |
| 14/ 13  |       |                |  |              |              |              |        |          |              |        |              |               | į.   |  |                | 1  |              |              |                       |                |                | 21       |
| 12/ 11  |       | <del> </del> - | <del> </del> -                                   | <del> </del> | ╁            | -+           |        | ┤──      | ┪            | ╅      | <del></del>  | +             | <del> </del>                                     | <del> </del>                                     | 1              | 1  | ┼            |              | -                     |                | <u> </u>       | 13       |
| 10/ 9<br>8/ 7                                 |       | 1              |  |              | 1            | - 1          |        |          | 1            |        |              |               |  |  |                |  |              |              |                       |                | 1              | 1 6      |
| 6/ 5  |       | <del> </del>   | <del>                                     </del> | <del> </del> |              | -+           |        | +        | 1-           | 1      | +-           | +             | <del>                                     </del> | <del>                                     </del> | 1              | <del> </del>                                     | <del> </del> | 1            | 1                     |                |                | 1        |
| TOTAL   | 2 . 6 | 31.5           | 31.4   | 62.0         | . 0          | . 2          | 1.     | 7        | ,            |        |              |               |  |  |                |  |              | ĺ            |                       | 1776           | l              | 1776     |
| , <u>, , , , , , , , , , , , , , , , , , </u> | الفرن | كعفية          | 7.0.7  | 1            | "            | -            |        |          | •            |        | $\dashv$     | 1             | 1  | 1-   | <del> </del> - | <del>                                     </del> | <del> </del> | 1            | 1776                  |                | 1776           |          |
| 1   |       |                |  |              | 1            | - [          |        |          |              |        |              |               |  |  |                |  |              |              | 1                     |                |                |          |
| Element (X)                                   |       | Σ ;;           |  |              | z x          |              |        | X        |              | x      | No.          |               |  |  |                |  |              | lours wi     | th Tempera            |                |                |          |
| Rel. Hum.                                     |       |                | 3112   |              | 120          |              |        |          | 316.         |        |              | 776           | ± 0  | F  | ≤ 32 F         | ≥ 67   | 7 F          | ≥ 73 F       | ≥ 80 F                | <b>&gt; 93</b> | F              | Total    |
| Dry Bulb                                      |       |                | 8547   |              |              | 326          |        |          | 4 6.         |        |              | 776           |  |  | 3.9            |  | _            |              | <del> </del> _        |                |                | 9.3      |
| Wet Bulb                                      |       |                | 9248   |              |              | 8 <b>8 9</b> |        | 38.      | 7 7.         | 260    |              | 776           |  |  | 19,9           |  |              |              | <del> </del>          |                | _              | 9        |
| Dew Point                                     |       | 21/            | 11444  |              | 60           | 989          | : al = | 22.      | 110.         | 5/0    | -            | 776           | ı  | 1  | 42.7           | <b>9</b> I                                       |              |              | 1                     | 1              | 1              | 93       |

ETAC FORM 0.26-5 (OLA) REVISIO MEVICUS EE

DATA PRINCESSING BRANCH
USAF ETAC
AIR WEATTER SEPVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

93

43311 THEY TAP JAPAN HUNSHU 47-60-67-72 PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 68/ 67 - 1 64/ 63 . i . 5 • 2 13 13 62/ 61 7 12 60/ 59 18 58/ 57 56/ 55 22 22 19 •? 22 54/ 53 20 20 34 34 52/ 51 . 8 . 3 53 53 26 24 50/ 49 105 48/ 47 2.4 2,6 132 132 72 41 3.7 46/ 45 84 230 3. . 3 3.1 2.2 1.2 183 44/ 43 183 156 86 42/ 41 224 164 29 10. 39 2.0 3.4 2.6 2.0 . 3 188 188 163 126 33 -3.0 2.1 37 186 191 186 3.3 36/ 35 3.2 3.2 1.5 208 208 194 134 R A 34/ 33 -6 214 207 137 32/ 31 .5 1.0 . 6 38 38 155 152 30/ 29 60 28/ 27 94 . 3 ć 6 اوډ 26/ 25 23 24/ 23 90 22/ 21 20/ 19 71 18/ 50 16/ 15 40 14/\_13 12/ 11 25 10/ 9 11 8/ 6/ TOTAL 3.726.332.122.612.3 2.5 1780 Element (X) No. Obs. Mean No. of Hours with Temperature ± 32 F Rel. Hum. ≤ 0 F 123232 09.217.439 1780 9072544

1780

1781

1781

2.9

19.0

ORM 0.26-5 (OLA) REVISED PREVIOUS EDITION UL 64

JSAFETAC FORM

Dry Bulb

Wet Bulb

Dew Point

3299109

2738077

2071514

75718

68685

57792

42.5 6.630

38.6 7.079

32.410.499

DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 4331 TUKY. TAP JAPAN/HINSHI 47-60,67-72 0900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B. W.B. Dry Builb Wet Builb Dew Point (F) 70/ 69 68/ 67 . 2 66/ 65 . 2 13 13 19 64/ 63 19 62/ 61 15 1 31 31 60/ 53 58/ 37 56/ 55 . 3 . 1 1.2 63 63 28 16 .6 . 1 94 94 20 2.1 117 54/ 53 1.1 1.6 117 34 22 52/ 51 .9 52 142 142 3.0 50/ 49 .8 3.0 2.0 1.6 212 35 1.0 212 123 48/ 47 227 227 2.9 2.6 2.6 97 46/ 45 1.1 2.9 1.1 244 244 193 44/ 43 27 194 2.4 42/ 41 40/ 39 173 0.4 15. 2.3 1.9 1.5 173 148 134 140 114 114 38/ 37 .4 1.0 .7 1.2 74 203 156 36/ 35 143 34/ 33 . 1 8; 2 116 135 84 104 32/ 31 30/ 29 28 91 . 1 28/ 27 82 26/ 25 24/ 23 85 95 74 22/ 21 20/ 19 37 18/ 17 53 48 16/\_15 14/ 13 35 10/ 9 19 19 87 7 5 12 6/ No. Obs. Element (X) Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hum. 20F ± 32 F Dry Bulb Wet Bulb

Dew Point

| ATAC | PROCESS | ING | PRANCH   |
|------|---------|-----|----------|
| JSAF | ETAC    |     |          |
| AIR  | PAT VER | SER | VICE/MAC |

# PSYCHROMETRIC SUMMARY

TOLY IAP JAPAN/HUNSHU 

| Ť 1         |     |  |                |                 |  | WET            | BILLE  | TEUDE  | DATIE           | DEPO         | ESSION (     | E١           |  |                |  |                |                | TOTAL  |   | TOTAL        |  |
|-------------|-----|--|----------------|-----------------|--|----------------|--|--|-----------------|--------------|--------------|--------------|--|----------------|--|----------------|----------------|--|---|--------------|--|
| Temp<br>(F) |     | 1.2  | 3 · 4          | 5.4             | 7.0  |                |  |  |                 |              | 19 - 20      |              | 22 24  | 25 26          | 27 . 28  | 20 . 20        | > 31           | D.B. W.B.  | Dry Bulk  |              | Dew Poin   |
|             |     | 1 . 2  | 3.4            | 3.0             | / . 8  | 9 . 10         | 111 - 12   | 13 - 14  | 13 - 10         | 17 - 18      | 19 - 20      | 21 - 22      | 23 - 24  | 23 - 20        | 27 - 28  | 29 - 30        | 231            |  | 019 0013  | WE. 2010     | 1  |
| 2/ 1        |     | !  | ļ              |                 | İ  |                | ļ  | 1  |                 | 1            |              | !            |  |                | 1  |                |                |  | l   | l l          | 2  |
| -2/-3       |     | <del> </del>                                     |                | J               | <del>├</del>                                     | <del> </del>   | <del> </del>                                     |  | <del>- </del> - |              | <del> </del> |              |  | <b>├</b> ─     | <del> </del>                                     | <del> </del> - | <del></del>    | <del> </del> -                                   |   | <del> </del> | <del> 1</del>                                    |
| TOTAL       | 2.5 | 11.0   | 19.7           | 24.5            | 150.5  | 14.6           | 6.1  | 1.   | 2               | Ц            |              |              |  |                | [  | !              |                | 1  | 1/30  |              | 1780   |
|             |     | <del> </del> -                                   | <b> </b>       |                 | <del> </del>                                     | <del> </del>   | <del> </del>                                     | <b>⊢</b> —                                       | - <del> </del>  | ┼            | <u> </u>     |              |  | <del> </del>   | <del> </del> -                                   |                | <del> </del> - | 1780   | <del> </del>                                      | 1780         | <b> </b>   |
| İ           |     |  |                |                 | 1  |                | 1  | !  | 1               | 1            |              |              |  |                | 1  | 1              | 1              |  |   | ł            | 1  |
|             |     | ļ  | <u> </u>       | ļ               | <del> </del> -                                   | <u> </u>       | ļ  | <u> </u>   | <b>_</b>        | ļ            | ļ            |              |  | <u> </u>       | ļ  | <b> </b>       | ļ              | ļ  | <b> </b>  | <b>i</b>     | ļ  |
|             |     |  | ĺ              | !               | 1  | !              |  |  | 1               |              | i .          |              |  |                | 1  |                |                | i  |   | 1            |  |
|             |     | <b> </b>   | <u> </u>       | <u> </u>        | ↓  | ļ              | ļ  | <u> </u>   | ļ               | ļ            | <u> </u>     |              |  | ļ              |  | !              | <b>├</b> ──    |  |   |              | ļ  |
| İ           |     |  |                | İ               | 1  |                | 1  |  | 1               | 1            |              |              |  | 1              |  | }              | 1              | 1  |   | İ            | l  |
|             |     |  |                |                 | 1  | <u> </u>       | ļ  | <u> </u>   |                 | <u> </u>     | <u> </u>     |              |  | L              |  |                | ļ <u> </u>     |  |   | <u> </u>     | <u> </u>   |
|             |     |  |                | İ               | 1  | 1              |  |  | 1               |              | 1            |              |  | 1              |  | 1              | }              |  |   | i            |  |
|             |     |  | <u> </u>       | <u> </u>        |  |                | ·  |  |                 |              | <u> </u>     |              |  |                |  |                |                | L  |   | <u> </u>     | <u> </u>   |
|             |     |  | 1              |                 | 1  | i              | 1  | 1  |                 | 1            |              |              |  |                |  | i              | İ              | 1  | i   | 1            | l  |
|             |     |  |                | <u> </u>        |  |                | <u> </u>   |  |                 | ·            | <u> </u>     |              |  | <u></u>        | L  | <u></u>        | <u> </u>       | <u> </u>   |   | <u> </u>     | <u> </u>   |
|             |     |  |                |                 | 1  |                | ļ  |  |                 | 1            | 1            |              |  | I              | 1  |                |                |  |   | 1            |  |
|             |     |  |                | }               |  |                |  | ļ  |                 |              | ļ            |              | <u> </u>   |                | ļ  | ļ              | ļ              |  |   | <u> </u>     |  |
|             |     | I  | Ī              |                 | 1  |                | T T  |  |                 |              |              |              |  | 1              |  | Ì              |                | Ĭ  |   |              |  |
| į           |     |  | 1              | 1               |  |                |  |  | į               |              |              |              | [  | 1              | ļ  |                |                | ļ  |   |              |  |
|             |     |  | 1              | 1               |  | 1              |  | 1  | T               |              |              |              |  |                |  |                |                | 1  |   |              |  |
|             |     |  |                |                 |  | ļ              | İ  | İ  | Ţ               | i            |              | ļ !          | ļ  | ļ              | İ  |                | ļ .            | 1  | ļ   | ļ.           |  |
|             |     | i  |                | 1               | i  | 1              | 1  | 1  | 1               | 1            | 1            |              |  | T              | i  | 1              |                |  | <u> </u>  |              | i  |
|             |     |  | 1              |                 |  |                | İ  |  | 1               |              |              |              | ļ  |                |  | 1              | Į.             |  |   |              |  |
|             |     | 1  | 1              | 1               | <b> </b>   | <del> </del> - | <del>                                     </del> | <del>                                     </del> | 1               | 1            |              |              |  |                |  |                | T              |  | Ť –   |              | 1  |
|             |     |  |                |                 | 1  |                | 1  | 1  | 1               |              | 1            |              |  | 1              | ļ  | }              |                | •  | 1   | 1            | 1  |
|             |     | 1  | <del> </del> - | 1               | <del> </del>                                     | <b>†</b>       | 1  |  |                 | 1            |              | <b> </b>     |  | <del>1</del>   | <del>                                     </del> | 1              | †              | 1  | <u> </u>  | <u> </u>     | 1  |
|             |     |  |                |                 | ļ  |                | 1  |  |                 | }            |              |              |  | 1              |  |                | į              | 1  |   | 1            |  |
|             |     | <del>                                     </del> | <del> </del>   | 1               | <del>                                     </del> | <del> </del>   | <del> </del> -                                   | <del> </del>                                     | <del>- </del>   | +-           | <del> </del> | <del> </del> |  | <del> </del>   | <u>†                                      </u>   | -              | <del> </del>   | <del>                                     </del> | <del> </del>                                      | <del> </del> | <del>                                     </del> |
|             |     |  | l              |                 |  |                | l  |  | -               |              | 1            |              | l  |                | l  |                | 1              | 1  | l   | 1            |  |
|             |     | <del> </del>                                     | <del> </del>   | -{- <del></del> | <del> </del>                                     | <del> </del>   | ┼  | <del> </del>                                     |                 | <del> </del> | <del> </del> | <del> </del> | l  | <b></b>        | <del> </del>                                     | <del> </del>   | ł              | <del> </del>                                     | <del> </del>                                      | <del> </del> | <del> </del>                                     |
|             |     | 1  |                |                 | i  |                |  |  | 1               |              | •            | İ            |  | ĺ              | 1  |                | Ī              |  | 1   |              |  |
|             |     | <del> </del>                                     | <del> </del>   | <del>-</del>    | <del> </del>                                     | <del></del>    | <del> </del>                                     | ┼—   |                 | +            | <del> </del> | <del> </del> | <del>                                     </del> | <del> </del> - | <del> </del>                                     |                | ├              | <del>i</del>                                     | <del>                                      </del> |              |  |
|             |     |  | İ              |                 |  | 1              |  |  |                 | Į.           | İ            | ŀ            | Į  | -              | 1  |                |                | i  |   |              |  |
|             |     | <del> </del>                                     |                |                 |  | <del> </del>   | ┪  | <del> </del>                                     |                 | -            | -            | <del> </del> |  | <del> </del>   | ├  |                | ┼              | ┼──  | <del> </del>                                      | <del> </del> | <b></b>  |
|             |     |  | 1              |                 |  |                |  |  |                 | 1            | 1            | ĺ            | Ì  | 1              |  | 1              |                | ĺ  | 1   |              |  |
| =1          |     | Ţ?   | <u> </u>       |                 | Ļ  |                | 1  | <del>  _</del> _                                 | 4               | No. O        | <u> </u>     | L            | <u> </u>   |                |  | 1              |                | 1 7  |   | <u> </u>     |  |
| Element (X) |     | Σχ2  | 1001           |                 | Σχ   |                | X  | •  |                 |              |              |              |  |                |  |                |                | h Tempero  |   |              | <del>-</del>                                     |
| Rel. Hum.   |     |  | 9841           |                 | 1069   | 221            | 60.1   | 119.   | 222             |              | 780          | ≤ 0          | <del>r  </del>                                   | ⊴ 32 F         | ≥ 67   |                | ₽ 73 F         | ≥ 80 F   | ≥ 93  | <u> </u>     | Total  |
| Dry Bulb    |     |  | 3316           |                 |  |                | 47.7   | 6.   | 452             |              | <u> 785 </u> |              |  | 2              |  | -4             |                | -  |   |              | 63   |
| Wer Bulb    |     |  | 4276           |                 |  | 220            | 41.7   |  |                 |              | 780          |              | -  | 6.0            | <u> </u>   |                |                | -  |   |              | 93   |
| Dew Point   |     | 210  | 2919           | 3               | 592  | 1261           | 34.3   | da s   | ודיםו           |              | 780          |              | 11   | 39.9           | 1  | 1              |                | 1  | - 1   |              | 93   |

DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 4331 TILY. TAP JAPAN/HUNSHU 47-60-67-72 YEARS PARE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 72/ 71 . 1 70/ 69 9 68/ 67 . 1 66/ 65 64/ 63 1.4 56 56 62/ 61 83 83 18 60/ 59 . 3 117 20 1.7 . 3 . 3 117 1 - 1 1.1 58/ 57 101 101 56/ 55 . 4 1.0 1.8 2.1 1.2 140 140 60 32 54/ 53 69 2.2 2.2 52/ 51 1.5 100 42 2.3 209 209 1.4 1.0 59 50/ 49 204 204 137 1.0 1.3 1.4 1.4 1.9 1.8 48/ 47 1.6 1.9 1.55 155 194 64 196 126 181 111 46/ 45 1.7 .9 1.5 123 175 130 44/ 43 1.0 1.1 123 199 95 05 40/ 39 . 1 1.1 48 48 191 121 164 38/ 37 20 20 113 5 131 36/ 35 • 2 5 55 34/ 33 110 35 95 32/ 31 • 1 2 79 30/ 29 28/ 27 67 25 26/ 67 24/ 23 70 22/ 21 20/ 19 54 (OLA) 24 18/ 17 16/ 15 40 14/ 13 12/ 11 10 10/ 18. 8/ 7 61 Element (X) Σχ² 7 No. Obs. Mean No. of Hours with Temperature ±0 F ≤ 32 F ≥ 67 F ≥ 73 F = 80 F ≥ 93 F Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/HAC

### PSYCHROMETRIC SUMMARY

| 43311<br>STATION         | LO  | K <b>Y</b> C   | IAP   | JAPA     | N/I-D | IN SHL  | l         |              |         | 47.     | 60,6           | 7-72     |        | YE           | ARS         |         |      |              |  | MO            | ΔE                 |
|--------------------------|-----|----------------|-------|----------|-------|---------|-----------|--------------|---------|---------|----------------|----------|--------|--------------|-------------|---------|------|--------------|--|---------------|--------------------|
|                          |     |                |       |          |       |         |           |              |         |         |                |          |        |              |             |         |      | PAG          | E 2  | 1200<br>Hours | =1400<br>L. S. T.) |
| Temp                     |     |                |       |          |       | WET     | BULB      | TEMPE        | ATURE   | DEPR    | ESSION (       | (F)      |        |              |             |         |      | TOTAL        |  | TOTAL         |                    |
| (F)                      | 0   | 1 - 2          | 3 - 4 | 5 - 6    | 7 - 8 | 9 - 10  | 11 - 12   | 13 - 14      | 15 - 16 | 17 - 18 | 19 - 20        | 21 - 22  | 23 - 2 | 4 25 - 26    | 27 - 28     | 29 - 30 | ≥ 31 | D.B. W.B.    | Dry Bulb   | Wet Bulb      | Dew Point          |
| 4/ 3                     |     |                |       |          |       |         |           |              |         |         |                |          |        |              |             |         |      |              |  |               | 4                  |
| 2/ 1<br>=2/ -3<br>=4/ -5 |     |                |       |          |       |         |           | <del> </del> | <b></b> |         |                |          |        |              |             |         |      |              |  |               | 1                  |
| TOTAL                    | 3 0 | 10 0           | 14.0  | 10 2     | 20 3  | 17 /    | 107       | 4 -7         | .6      | . 1     | <del>  ,</del> |          |        |              |             |         | -    | <u> </u>     | 1201   |               | 1801               |
| TOTAL                    | 2.0 | 10.7           | 14.0  | 17.0     | 20.3  | 1 / • 4 | 10.7      | 4.7          | -       | • 1     | .1             |          |        |              |             |         |      | 1801         | 1801   | 1801          |                    |
|                          |     |                | -     |          |       |         |           |              |         |         |                |          |        |              |             |         |      |              |  | <u> </u>      |                    |
|                          |     |                |       |          |       |         | <br> <br> |              |         |         |                |          |        |              |             | ·       |      |              |  |               |                    |
|                          |     |                |       |          |       |         |           |              |         |         |                |          |        |              |             |         |      |              |  |               |                    |
|                          |     |                |       |          |       |         |           |              |         |         |                |          |        |              |             |         |      |              |  |               |                    |
|                          |     | <u> </u>       | ļ     |          | ļ     |         |           |              |         | ļ       | ļ              | ļ        |        | ļ            |             |         |      | ļ            |  |               |                    |
| -                        |     |                | ļ     |          |       |         |           |              | ļ       |         |                |          |        |              |             |         |      |              |  |               |                    |
|                          |     |                | -     |          |       |         |           |              |         |         | <u> </u>       |          |        |              |             |         |      |              |  |               | <u> </u>           |
|                          |     |                |       |          |       |         |           |              |         |         |                |          |        | <del> </del> |             |         |      | <u> </u>     |  |               |                    |
|                          |     |                |       |          |       |         |           |              |         |         |                | <u> </u> |        | -            |             |         | -    | 1            |  |               |                    |
|                          |     | -              |       |          |       | ļ       |           |              |         |         |                |          | -      | -            |             |         |      |              |  |               |                    |
|                          |     |                |       |          |       |         |           |              |         |         |                |          |        | 1            |             |         |      |              | <del>                                     </del> |               |                    |
|                          |     |                |       |          |       |         |           |              |         |         |                |          |        |              |             |         |      |              |  |               |                    |
| Element (X)              |     | $\Sigma^{X_3}$ |       |          | Σχ    |         | X         | •,           |         | No. O   |                |          |        |              | <del></del> |         |      | h Tempero    |  | ,             |                    |
| Rel. Hom.                |     |                | 39000 |          | 1042  |         | 57.9      |              |         |         | 301            | ⊴ 0      | F      | ± 32 F       | ≥ 67        | F :     | 73 F | ≥ 80 F       | ± 93   | F             | Total              |
| Dry Bulb                 |     | 451            | 4205  | <u> </u> | 922   |         |           | 6.8          |         |         | 301            |          | -      | 2            |             | .1      |      |              |  |               | 93                 |
| Wet Buib                 |     |                | 9723  |          | 799   |         | 44.4      | 6.8          | 48      |         | 101            |          |        | 2.1          |             | -       |      | <del> </del> |  |               | 93                 |
| Dew Point                |     | 250            | 11290 | )        | 636   | 114     | 35.4      | عملك         | 52      | 1       | 101            |          | -2     | _33.5        | 1           |         |      | <del></del>  |  |               | 93                 |

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

43311 TEN. Y. TAP JAPAN / TARSHI 1500-1700 HOURS (L. S. T.) PAGE 1

| Temp.            |            |          |       |                   | ,        |        | BULB T  |  |  |                |            |  |          |                |         |          |  | TOTAL  |            | TOTAL      |            |
|------------------|------------|----------|-------|-------------------|----------|--------|---------|--|--|----------------|------------|--|----------|----------------|---------|----------|--|--|------------|------------|------------|
| (F)              | 0          | 1 - 2    | 3 - 4 | 5 - 6             | 7 - 8    | 9 - 10 | 11 - 12 | 3 - 14                                 | 15 - 16  | 17 - 18        | 19 - 20    | 21 - 22  | 23 - 24  | 25 - 26        | 27 - 28 | 29 - 30  | ≥ 31   | D.B. W.B.                                    | Dry Bulb   | Wet Buib   | Dew Point  |
| 70/ 69           |            |          |       | • 1               | - X      |        |         |  |  |                |            | ļ  |          | i              |         |          |  | 3  | 3          |            |            |
| 68/ 67           |            |          |       | <u>-•2</u>        |          | 4      |         | بـــــــــــــــــــــــــــــــــــــ |  | <del> </del> _ | <b> </b> - |  |          |                |         |          | <del> </del>                                     | 16   | 10         |            |            |
| 66/ 65           |            | • 1      | .2    | • 3               | . 2      | . 2    | • 1     | • 1                                    | . 1  | -              |            |  |          | ĺ              |         |          | l  | 21   | 21         |            |            |
| 64/ 63           |            |          |       | بجعب              |          | 6      |         |  |  | <del> </del>   | <u> </u>   | <del> </del>                                     |          |                |         |          | <del> </del>                                     | 42   | 42         | 4          |            |
| 62/61            |            | • 4      | . 3   | 3.                |          | - 6    |         | • 3                                    |  |                |            |  |          |                |         |          |  | 79   | 79         | 1          | 8          |
| 60/ 59           |            | . 8      | 1.2   | يكعذ              | 1.6      | 1.3    |         | 3                                      |  |                |            | <del> </del>                                     |          | <del> </del> - |         |          | <del> </del> -                                   | 142  | _142       | 26         | 17         |
| 58/ 57           | • 1        | ,9       | . 9   | 1.8               |          | 1.1    | • 4     | • 4                                    | • 1  | H              |            | ļ  |          |                |         |          |  | 134  | 134        |            | 18         |
| 56/ 55           |            |          | المعا | يجعيج             | 2.1      | 1.2    | الحب    | <u></u>                                |  | <del> </del> - |            |  |          | -              |         |          |  | 150  | _150       | 71         | 37         |
| 54/ 53           | . 2        | • 6      | 2.2   | 3.7               | 2.4      | 1.6    | 1.1     | . 8                                    |  |                |            |  |          |                |         |          | l  | 211  | 216        |            | 41         |
| 52/ 51           |            |          |       | 1.4               | 1.2      | 1.00   | 9       | ي و                                    |  | <del>`</del> } |            | <del> </del>                                     | _        |                |         |          | <del> </del>                                     | 161  | 161        |            |            |
| 50/ 49<br>48/ 47 | • 2        | 1.9      | 1.9   | 2.3               | 1.4      | 1.8    | 1.9     | • 6                                    |  | 1              |            |  |          | [ ]            |         |          |  | 218  | 218        | 164<br>201 | 60         |
| 46/ 45           | . 2        |          |       | كفا.              |          | المعك  | 4.4     |  |  | ┼───           |            | <del> </del>                                     |          |                |         |          | <del> </del>                                     |  |            | 172        | <u>100</u> |
| 44/ 43           | 3.6        | 1.4      | . 5   | 1.6               | 1 1      | 1.9    | 1.1     | - 1                                    |  |                |            |  |          |                |         |          |  | 177  | 177<br>119 | 179        |            |
| 42/ 41           |            |          |       | يمعد              | .3       |        | • 6     |  |  | <del></del>    |            | <del> </del>                                     |          |                |         |          | <del> </del>                                     | 63   | 43<br>63   |            | 152        |
| 40/ 39           | . <u>.</u> |          | 4 7   | •6<br><u>- •2</u> | 1 , 3    | •6     | • 4     |  | !  |                |            | ļ  |          |                |         |          | !  | 42   | 42         | 191        | 120        |
| 38/ 37           | 2          | .6       | .1    | 2                 |          | .1     |         |  | -  | <del></del>    |            | <del> </del>                                     |          | <del> </del>   |         |          | <del> </del>                                     | 19   | 19         |            | 113        |
| 36/ 35           | 2 •        | .3       |       | • 6               | ]        | • 1    |         |  |  | i              |            |  |          | į l            |         |          | 1  | 13   | 17         |            | 120        |
| 34/ 33           |            | .3       |       |                   |          |        |         |  |  | <b>-</b>       |            | <del>                                     </del> |          |                |         |          | 1  | 5  | 5          |            |            |
| 32/ 31           |            | .2       |       |                   | i '      |        |         |  | }  | 1              | 1          | <b>\</b>   |          |                |         |          | 1  | 3  | 2          | 27         | 108        |
| 30/ 29           |            |          |       |                   | <u> </u> |        |         |  |  | 1              |            |  |          |                |         |          | <del>                                     </del> | 1  |            | 4          | 63         |
| 28/ 27           |            |          |       |                   |          |        |         |  | l  |                |            | 1  |          | 1              |         |          | 1  | i i  |            | ]          | 69         |
| 26/ 25           |            |          |       |                   |          |        |         |  | <del>                                     </del> |                | <u> </u>   |  |          |                |         |          |  | 1  |            |            | 73         |
| 24/ 23           |            | :        | ì     |                   | j '      |        | 1       |  |  | i              |            | ſ  |          | } '            |         |          | 1  | 1 1  |            | i '        | 41         |
| 22/ 21           |            |          |       |                   |          |        |         |  | i  |                |            | 1  |          |                |         |          | 1  | 1  |            |            | 54         |
| 20/ 19           |            |          |       |                   | } '      |        | 1       |  | 1  | 1              | 1          | 1  | 1        | 1              |         |          | }  | 1 1  |            | i '        | 25         |
| 18/ 17           |            | i        |       |                   | 1        |        |         |  |  |                | 1          | i —  |          | 1              |         |          | 1  |  |            | I          | 39         |
| 16/ 15           |            | 1        | 1     |                   | 1        |        |         |  | 1  |                |            | 1  |          | 1              |         |          | )  | 1  |            |            | 25         |
| 14/ 13           |            |          |       |                   |          |        |         |  |  |                |            | T  |          |                |         |          | 1  | 1  |            |            | 37         |
| 12/ 11           |            |          |       |                   |          | 1      |         |  |  | _              |            |  | <u> </u> |                |         |          | <u> </u>   | 1  |            |            | 25         |
| 10/ 9            |            |          |       |                   |          |        |         |  | I  |                |            |  | l        |                |         |          |  |  |            |            | 6          |
| 8/ 7             |            |          |       |                   |          |        |         |  |  | <u> </u>       |            |  | L        | 1              |         |          | 1  | <u>                                     </u> |            | l          | 4          |
| 6/ 5             |            |          |       |                   | T -      |        |         |  |  |                |            |  | <u> </u> |                |         |          | 1  |  |            | Ĭ          | -4         |
| 4/ 3             |            | <u> </u> |       |                   | ]        |        | ]       |  |  | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>       |         |          | <u> </u>   | <u> </u>                                     |            |            | 1          |
| Element (X)      |            | Σχ2      |       |                   | Σχ       |        | X       | <b>*</b> ,                             |  | No. 0          | · 8.       |  |          |                | Mean t  | lo. of H | ours wit   | h Temperat                                   | UT#        |            |            |
| Rel. Hum.        |            |          |       |                   |          |        |         |  |  |                |            | ± 0  | F        | ≤ 32 F         | ≥ 67    | F :      | 73 F   | ≥ 80 F                                       | ≥ 93       | f          | Total      |
| Dry Bulb         |            |          |       |                   |          |        |         |  |  |                |            |  |          |                |         |          |  |  |            |            |            |
| Wet Bulb         |            |          |       |                   |          |        |         |  |  |                |            |  |          | -              |         | $\Box$   |  |  |            |            |            |
| Dew Point        |            |          | -     |                   |          |        |         |  |  |                |            |  |          |                |         | T        |  |  |            |            |            |

USAFETAC FORM 0.26-5 (OL A)

DATA PROCESSING PRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR MEATHER SERVICE/NAC 43311 THKY IAP JAPAN / HINSHU 47-60-67-72 1500-1700 | | WET BUL 3 TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 1 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point WET BUL 3 TEMPERATURE DEPRESSION (F) 2/ 1 0/ -1 -4/ -5 1797 1.414.115.621.316.716.6 9.2 3.7 1.1 1797 TOTAL 1797 1797 (OL A) No. Obs. Mean No. of Hours with Temperature **\***, Element (X) ΣXi Zχ X 60.220.070 51.5 6.641 45.0 6.744 ≥ 67 F = 73 F ≥ 80 F = 93 F 7230580 108136 1797 ≤ 32 F 92596 1797 C) I Dry Bulb 4650494 O, Wet Bulb 1797 3723214 80894 93 Dew Point 66001 1797

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR - EATHER SERVICE/MAC 43311 TUKYI TAP JAPAN/FUNSHU 47-60,67-72 1800-2000 HOURS (L. S. T.) PACE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 68/ 67 66/ 65 . 2 64/ 63 • 1 18 18 . 2 . 1 62/61 19 22 60/ 59 60 60 58/ 57 15 90 30 56/ 55 .7 2.2 2.4 122 122 16 . 1 191 42 54/ 53 191 .2 3.2 52/ 51 119 1.1 2.5 174 174 44 1.5 • 1 9 70 211 175 50/ 49 125 48/ 47 • 1 1.8 3.1 2.8 199 199 164 46/ 45 190 44/ 43 42/ 41 2.1 1.9 1.2 151 151 186 147 . 3 1.1 1.6 1.8 158 190 147 147 101 101 111 40/ 39 . 3 1.7 1.3 149 38/ 37 160 130 36/ 35 .3 116 119 18 18 34/ 33 32/ 31 38 106 48 103 30/ 29 70 28/ 27 43 26/ 25 41 24/ 23 22/ 21 28 51 20/ 19 18/ 17 38 42 16/ 15 ã 31 14/13 õ 12/ 11 16 8/ 6/ FOEW JUL 04 3 No. Obs. Mean No. of Hours with Temperature Element (X) 267 F 273 F 280 F 293 F ± 32 F Rel. Hum. 20 F Dry Bulb

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR "EATHER SEPVICE/MAC 43311 INKY" IAP JAPAN/HUNSHU Temp. TUTAL

#### PSYCHROMETRIC SUMMARY

PAGE 2 1800=2000 HOURS (L. S T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 1794 2.317.625.722.517.810.4 3.4 1794 1794 No. Oos. Menn No. of Hours with Temperature Element (X) 8408572 118096 65.818.812 1794 ≥67 F = 73 F = 80 F = 93 F Rel. Hora. ±0 F ± 32 F 48.8 6.313 43.6 6.909 1794 Dry Bulb 4341207 87521 93 We. Bulb 93 78289 1794 3502081 4.6 Dew Point 66102 36.811.165 1794 28.3 93

47-60-67-72

BEVISED PREVIOUS EDITIONS OF 0.26-5 (OL A)

E S

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEAT ER SERVICE/MAC 43311 TULY TAP JAPAN/FUNS.II 47-50.07-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 68/ 67 66/ 65 . 2 19 64/ 63 1 19 62/ 61 60/ 59 34 58/ 57 8 32 37 2.1 56/ 55 39 67 20 • 1 67 52/ 51 3.6 142 142 89 39 208 48/ 47 2.8 151 2.5 204 204 106 46/ 45 3.8 219 186 123 219 44/ 43 2.1 2.2 173 173 506 150 42/ 41 177 177 174 40/ 39 .1 2.3 1.5 2.1 164 105 164 38/ 37 59 168 99 130 36/ 35 1.7 57 132 136 .6 57 34/ 33 116 116 32/ 31 30/ 29 46 70 64 28/ 27 29 26/ 25 38 24/ 23 32 22/ 21 38 20/ 19 45 57 16/ 15 34 14/ 13 48 12/ 11 13 10/ 8/ 2 Mean No. of Hours with Temperature Element (X) 10F ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Rel. Hum ± 32 F Dry Bulb Wet Bulb Dew Point

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 43311 TERYP IAP JAPA

# PSYCHROMETRIC SUMMARY

43311 TEKY! IAP JAPAN/HUNSHU 47=60,67=72

STATION NAME 47=60,67=72

PAGE 2 2100=2300
HOURS (L. S. T.)

| Temp.                 |     |  | -            |  | ,        | WET    | BULB    | EMPER                 | ATURE   | DEPRE   | SSION ( | F)      |                                      |  |  |  |  | TOTAL  |          | TOTAL  |  |
|-----------------------|-----|--|--------------|--|----------|--------|---------|-----------------------|---------|---------|---------|---------|--------------------------------------|--|--|--|--|--|----------|--|--|
| (F)                   | 0   | 1 - 2  | 3 · 4        | 5 - 6  | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14               | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24                              | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31   | D.B. W.B.  | Dry Bulb | Wet Bulb   | Dew Por  |
| TOTAL                 | 2.1 | 23.7   | 30.6         | 21.0   | 16.4     | 5.6    | • 5     |                       |         |         |         |         |                                      |  |  |  |  | 1777   | 1777     | 1777   | 177  |
|                       |     |  |              |  |          |        | '       |                       |         |         | -       |         |                                      |  |  |  |  |  |          |  |  |
|                       |     | <del> </del>                                     | <del> </del> |  | <u> </u> |        |         |                       |         |         |         |         |                                      | <u> </u>   | <del> </del>                                     |  | <b> </b> -                                       | <del> </del>                                     |          | <del> </del>                                     |  |
|                       |     |  |              |  |          |        |         |                       |         |         |         |         |                                      |  |  |  |  |  |          | 1  |  |
|                       |     |  | † —          | <del> </del> -                                   |          |        |         |                       |         |         |         |         |                                      |  |  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |          | <del> </del>                                     | <del>                                     </del> |
|                       |     |  | <u> </u>     | <u> </u>   |          |        |         |                       |         |         |         |         |                                      |  | ļ  | <u> </u>   |  |  |          |  | i<br>  |
|                       |     |  |              |  |          |        |         | i                     |         |         |         |         |                                      |  |  |  |  | İ  |          |  |  |
|                       |     | ├  | ├            |  |          |        |         |                       |         |         |         |         |                                      |  | -  | -  | <del> </del>                                     | <del> </del>                                     |          | <del> </del>                                     | <del> </del>                                     |
|                       |     |  | 1            |  |          |        |         |                       |         |         | 1       |         |                                      |  |  |  |  |  |          |  |  |
|                       |     |  | †            |  |          |        |         |                       |         |         |         |         |                                      |  |  |  | <del> </del>                                     |  |          | -  |  |
|                       |     |  | <u> </u>     | <u> </u>   |          |        |         |                       |         |         |         |         |                                      |  |  |  |  | <u> </u>   |          | <u> </u>   |  |
|                       |     |  |              |  |          |        |         | ]                     |         |         |         |         |                                      | 1  |  | 1  |  | 1  |          |  |  |
|                       |     |  | <del> </del> |  |          |        |         |                       |         |         |         |         |                                      | <b> </b>   | <del> </del>                                     |  | ļ  | <del> </del>                                     |          | <del> </del>                                     | <del> </del>                                     |
|                       |     |  |              | ĺ  | ļ        |        |         |                       |         |         |         |         |                                      |  |  |  |  |  |          |  |  |
|                       |     |  | 1            |  |          |        |         |                       |         |         |         |         |                                      |  | <del> </del>                                     | <u> </u>   |  |  |          | <del>                                     </del> | <del> </del>                                     |
|                       |     |  |              |  | <u> </u> |        |         |                       |         |         |         |         |                                      |  |  |  | <u></u>  |  |          |  |  |
|                       |     |  |              |  |          |        |         | i                     |         |         |         |         |                                      |  |  |  |  | i  |          |  |  |
|                       |     |  | ├            |  |          |        |         |                       |         |         |         |         |                                      | <b> </b>   |  |  | <del>-</del>                                     |  | ļ        |  | <u> </u>   |
|                       |     |  | ł            |  |          |        |         |                       |         |         |         |         |                                      |  |  |  |  |  |          |  | 1  |
|                       |     | <del>                                     </del> | 1            | ļ  |          |        |         |                       |         |         |         |         |                                      | i  | <u> </u>   | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |          | <del> </del>                                     |  |
|                       |     |  |              |  |          |        |         |                       |         |         | i       |         |                                      |  |  |  |  |  |          | <u> </u>   |  |
|                       |     |  |              |  |          |        |         |                       |         |         |         |         |                                      |  | ļ  |  |  |  |          |  |  |
|                       |     |  | <del> </del> | -  |          |        | -       |                       |         |         |         |         |                                      | i  | <del> </del>                                     | <b>├</b>   | <del> </del>                                     | <del> </del>                                     |          | <del> </del>                                     |  |
|                       |     |  |              |  |          |        |         |                       |         |         |         |         |                                      |  |  |  | ļ  |  |          |  |  |
|                       |     | <u> </u>   | <u> </u>     | <del>                                     </del> |          |        |         |                       |         |         |         |         |                                      | <del>                                     </del> | <del>                                     </del> |  | <b></b> -  | <del>                                     </del> |          |  | <del>                                     </del> |
|                       |     | <u></u> _  | <u></u>      | ļ  |          |        |         |                       |         |         |         |         |                                      | <u></u>  | <u>L</u>   |  |  |  |          |  |  |
|                       |     |  |              |  |          |        |         |                       |         |         |         |         |                                      |  |  |  |  |  |          |  |  |
| Element (X)           |     | Σχ²  | <del>'</del> |  | ZX       |        | X       | <b>€</b> <sub>X</sub> |         | No. Ob  | s.      |         | <b></b>                              |  | Mean   | No. of H   | ours will  | h Tempera  | ture     | <del></del>                                      |  |
| Rel. Hum.             |     | 899  | 7185         |  | 1224     | 15     | 68.9    | 17.8                  | 23      | 17      | 77      | ± 0 1   | F                                    | 32 F   | ≥ 67   | F  | 73 F   | ≥ 80 F   | e 93     | F  | Total  |
| Dry Bulb              |     | 391  | 8402         | L  | 826      | 42     | 40.5    | 6.4                   | 99      | 17      | 77      |         | _                                    | 2  | ļ  | -1   |  |  |          |  | 0  |
| Wet Bulb<br>Cew Point |     | 324  | 4598         | ļ —  | 748      |        | 42.1    |                       |         | _17     |         |         |                                      | 8.2  | 7  | -  |  |  | +        |  | 9  |
|                       |     | 252  | 3993         |  | 640      | 30     | 36.0    | 11-0                  | 3 31    | 17      | 77      |         | ــــــــــــــــــــــــــــــــــــ | 30.4   | <u> </u>   |  |  | <del></del>                                      |          |  |  |

OEM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSC

FETAC FORM

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/NAC

## **PSYCHROMETRIC SUMMARY**

43311 ΤΩΧΥ 1ΑΡ JΑΡΛΝ/~(INSHU) 47=60,67,69=72 YEARS MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

| Temp.     |     |      |  |             | -       |              | BULBT  |          |            |         |  |  |  | <del></del>                                      | ,  | ,  |  | TOTAL        |          | TOTAL        | r:           |
|-----------|-----|------|--|-------------|---------|--------------|--|----------|------------|---------|--|--|--|--|--|--|--|--------------|----------|--------------|--------------|
| (F)       | 0   | 2    | 3 - 4  | 5 - 6       | 7 - 8   | 9 - 10       | 11 - 12  | 13 - 14  | 15 - 16    | 17 - 18 | 19 - 20  | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31   | D.B. W.B.    | Dry Bulb | Wet Bulb     | Dew Po       |
| 70/ 69    |     |      |  |             |         |              |  |          |            |         |  |  |  |  |  |  |  | 1            | 1        |              | ]            |
| 58/ 67    |     | 2    |  | 1           | .1      |              |  |          |            |         |  |  |  |  |  | l  |  | 1_10         | 10       | 1            | <u> </u>     |
| 56/ 65    |     | . 8  | . 4  | • 5         | • 1     |              |  |          |            |         |  |  |  |  |  |  |  | 31           | 31       | 5            |              |
| 54/ 63    |     | 1.2  | 1.6  | • 7         | . 3     | 1            |  |          |            |         |  |  |  |  | ļ  |  |  | 65           | 65       | 21           | 1 1          |
| 62/61     | , 2 | 1.9  | 2.2  | 1.6         | .5      | . 2          | • 1  |          |            |         |  |  |  |  |  |  |  | 111          | 111      | 41           | 2            |
| 50/ 59    | . 5 | 3.9  | 3.9  | 1.9         | , 3     | .1           | . 2  | . 2      |            |         |  |  |  |  |  | _  | 1  | 183          | 184      | 88           |              |
| 58/ 57    | .4  | 3.9  | 4.1  | 1.3         | . 5     | .7           | .1   |          | . 1        |         |  | ĺ  |  |  |  |  | 1  | 183          | 183      | 126          |              |
| 6/ 55     | . 8 |      | 3.4  |             | .7      | 5            |  |          |            |         |  |  |  | 1  | ĺ  | 1  | ļ  | 128          | 198      |              |              |
| 54/ 53    | . 2 |      |  |             | 1.2     |              |  | • 1      |            |         |  |  |  |  |  |  |  | 188          | 188      |              |              |
| 52/ 51    | . 8 |      | 3.1  | 2.1         | 1.1     | . 5          | . 2  |          |            |         |  | 1  | l  |  |  |  | l  | 175          | 175      |              |              |
| 50/ 49    | .7  |      | 3.7  | 2.2         | . 8     | .7           |  |          |            |         |  | i —  |  |  |  |  | <u> </u>   | 181          | 191      |              |              |
| 48/ 47    | 5   | 1.0  |  |             | 1.5     | . 6          |  |          |            |         |  | ļ  |  |  | ļ  |  |  | 115          | 115      | 158          |              |
| 46/ 45    | .3  | 1.4  |  |             |         | .1           |  |          |            |         |  |  |  | <u> </u>   |  |  |  | 79           | 79       |              |              |
| 44/ 43    | . 1 | 1.0  | 1.2  | 1.)         | .4      | 2            | • •  |          |            |         |  |  |  |  | 1  |  | 1  | 65           | 6.5      |              |              |
| 42/ 41    | 1   |      | .7   |             |         | . 2          |  |          |            |         |  |  |  |  | <b></b>  |  | 1  | 45           | 45       |              |              |
| 0/ 39     | • - | 2    | 4  |             |         | ••           | į  |          |            |         |  |  |  |  |  | i  |  | 17           | 17       |              |              |
| 38/ 37    | • 1 |      |  | • 1         |         |              |  |          |            |         |  |  |  |  |  |  | 1  | 4            | 4        |              |              |
| 6/ 35     | • • | . 2  |  | **          |         |              |  |          |            |         |  |  |  |  |  |  |  | 4            | 4        | 25           |              |
| 34/ 33    |     |      |  |             |         |              |  |          |            | -       |  |  |  |  | <b></b>  | <del></del> -                                    |  | 1            |          | 16           | <del></del>  |
| 32/ 31    |     |      | j  |             |         |              |  | ı        |            |         |  |  |  |  |  |  |  |              |          | 1 6          |              |
| 30/ 29    |     |      |  |             |         |              |  |          |            |         |  |  |  |  | <u> </u>   |  | <b>†</b>   |              |          |              | -            |
| 8/ 27     |     | İ    |  |             |         |              |  |          |            |         |  | ļ  |  |  |  |  |  |              |          | ĺ            | ;            |
| 6/ 25     |     |      | i  |             |         |              |  |          |            |         | i  |  |  |  |  |  | <del>                                     </del> | † — — —      |          |              |              |
| 4/ 23     |     |      | ļ  |             |         |              | ; ;  |          |            | İ       |  | •  |  |  |  |  | 1  |              |          | ı            |              |
| 2/ 21     |     |      | i  |             |         |              |  |          |            |         |  |  |  | <del>                                     </del> | i  |  | 1  | <b> </b>     |          |              |              |
| 0/ 19     |     |      | Į  | Į į         |         |              |  |          |            |         | i  | ļ  |  | ļ.   |  |  | 1  | İ            |          | l            | '            |
| 8/ 17     |     |      |  |             |         |              | t  |          |            |         |  | <del>                                     </del> |  |  |  |  |  | <del> </del> |          |              | <b>†</b>     |
| 6/ 15     |     |      | 1  |             |         |              | ļ  | ·<br>    |            |         | 1  |  | l  |  |  | l  | 1  | 1            |          | 1            |              |
| TAL       | 4.7 | 29.4 | 31.5   | 19.4        | 8.9     | 4.2          | 1.2  | • 2      | .1         |         | <del>                                     </del> |  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | †  | <b></b>      | 1056     | <del> </del> | 16           |
| ,,,,,     | 70' | - 7  | [ ^ • •  | r           | ```     | 7 <b>.</b> . | * • •  | • •      | <b>"</b> ^ |         |  |  |  |  |  |  |  | 1655         | 1076     | 1653         |              |
|           |     |      | <del>                                     </del> |             | <b></b> |              | <del>                                     </del> |          |            |         |  |  |  | <del>                                     </del> | <u> </u>   |  | 1  | j_1522       |          | 1222         | <del> </del> |
|           |     |      | ļ  |             |         |              |  |          |            |         |  | İ  |  | ŀ  |  |  | }  |              |          | 1            |              |
|           |     |      | <del>                                     </del> |             |         |              |  |          |            |         | † <i></i> -                                      | <u> </u>   | !  | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | †  | <del> </del> |          | 1            |              |
|           |     |      |  | į l         |         |              |  |          |            |         |  |  | ĺ  |  |  |  |  | 1            |          | 1            |              |
| ement (X) |     | Σχ'  |  |             | zx      |              | X  | <b>₹</b> |            | No. Ol  | 3.   | · · · · · ·                                      | ٠  |  | Mean   | No. of t   | fours wil  | h Tempero    | lure     |              |              |
| -1. Hum.  |     | 994  | 6149   |             | 1257    | 51           | 76.0   | 15.3     | 91         | 16      | 55   | ± 0  | F [  | ≤ 32 F   | ≥ 67   | F  | ≈ 73 F   | ≥ 80 F       | = 93     | F            | Total        |
| ry Bulb   |     |      | 9936   | <del></del> | 889     |              | 53.7   |          |            | 16      |  |  |  |  |  | .6   |  |              | $\top$   |              |              |
| fer Bulb  |     |      | 8815   |             | 824     |              | 49.8   |          |            |         | 55   |  | $\neg$   | . 3  |  | .1   |  | 1            | 1        |              | - (          |
| lew Point |     |      | 8670   |             | 757     |              | 45.8   |          |            |         | 54   |  |  | 9.2  |  |  |  | 1            |          |              | ,            |

EM 0.26-5 (OL A) REVISIO MEVICO

USAFETAC FORM

DATA PROCESSING CRANCE USAF ETAL AIR WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

| 3311<br>STATION   | . IL          | <u>r. y</u> | IAP_           | TAPA  | ATION N | AME      | <b></b> -  |            | _  | 47=  | 0000     | 7,69.   | -12    | YE        | ARS     |        |  |            |            | MON              | PR<br>TH  |
|-------------------|---------------|-------------|----------------|-------|---------|----------|--|------------|--|--|----------|---------|--------|-----------|---------|--------|--|------------|------------|------------------|-----------|
|                   |               |             |                |       |         |          |  |            |  |  |          |         |        |           |         |        |  | PAGE       | 1 .        | 0.100<br>HOURS ( | =0.5C     |
| Temp.             |               |             |                | ,     |         |          | BULB T   |            |  |  |          |         |        |           |         |        |  | TOTAL      |            | TOTAL            |           |
| (F)               | 0             | 1 2         | 3 - 4          | 5 - 6 | 7 - 8   | 9 - 10   | 11 - 12  | 13 - 14    | 15 - 16  | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 2 | 4 25 - 26 | 27 - 28 | 29 - 3 | 0 + 31   | D.B. W.B.  | Dry Bulb   | Wet Bulb         | Dew Po    |
| 74/ 73            |               |             |                |       |         |          |  |            |  |  |          |         | •      | 4         |         |        |  | 1          | 1          |                  |           |
| 68/ 67<br>66/ 65  |               | ٠,          | • 1            | ٤.    |         |          |  |            |  |  |          |         |        |           |         |        |  | 16         | 10         | tı.              |           |
| 64/ 63            | . 4           | 1.4         | 1.0            | . 5   | . 1     | - 1      |  |            |  |  |          |         |        |           |         |        |  | 57         | 57         | 13               | 1         |
| 62/ 61            | . 6           | 2.7         | 2.0            | 1.9   | . 2     | .1       | . 1  |            |  | <del> </del>                                     |          |         |        |           |         |        | +  | 126        | 129        | <u> 42</u><br>69 | 2         |
| 58/ 57<br>56/ 55  | 4<br>.7       | 4.3         | 2.9            | - 9   | -3      |          |  | . 1        |  | -  |          |         |        | +-        |         |        | -  | 149<br>176 | 145        | 92<br>157        | 10        |
| 54/ 53            | 6             | 3.5         | 3.1            | 106   |         | 2        |  |            |  | <del> </del>                                     |          |         |        |           |         |        |  | 157        | 157        | 148              | _12       |
| 52/ 51<br>50/ 49  | .7            | 4.3         | 9.0            | 2.0   | 1.0     | 3        | 1-2  |            |  | <u> </u>   | <u> </u> |         |        |           |         |        |  | 166<br>199 | 166<br>200 | 144<br>_153      | 12<br>_12 |
| 48/ 47<br>46/ 45  | . <i>1</i>    | 2.2         | 2.6            |       | 1.4     | .6       |  |            | İ  | <u> </u>   |          |         |        |           |         |        |  | 14d<br>151 | 149        | 150<br>_175      | 15        |
| 44/ 43            | •1            | 1.5         | 1.5            |       | .4      | - 1      |  |            |  |  |          |         |        |           |         |        |  | 76<br>79   | 76<br>79   | 145<br>93        | 1 a       |
| 40/ 39            |               | .4          |                |       |         |          |  |            |  |  |          |         |        |           |         |        |  | 30         | 30         | 107              | 8         |
| 36/ 37<br>36/ 35  | <del>-1</del> | 2           | .3             |       |         |          | <del>                                     </del> |            | -  |  |          |         |        |           |         |        | <del>                                     </del> | 7 9        | 7<br>9     | 80<br>36         |           |
| 34/_33.<br>32/ 31 |               |             |                |       |         |          | -  |            |  | <del>                                     </del> |          |         |        |           |         |        | <del> </del>                                     |            |            | 1a               |           |
| 30/ 29<br>28/ 27  |               |             | <del> </del> - |       |         |          |  |            |  | <del> </del>                                     |          |         |        |           |         |        |  |            |            |                  | 3         |
| 26/ 25            |               |             |                | ļ     |         |          |  |            | <u> </u>   | ļ  |          |         |        |           |         |        |  |            |            |                  | 1         |
| 24/ 23<br>22/ 21  |               |             |                |       | ļ       | ļ        |  |            |  | <u> </u>   |          |         |        | ļ <u></u> |         |        | <u> </u>   | ļ          |            |                  | 2         |
| 20/ 19<br>18/ 17  |               |             |                |       |         |          |  |            |  |  |          |         |        |           |         |        |  |            |            |                  |           |
| 16/ 15<br>GTAL    | 5.4           | 34.4        | 29 A           | 18.2  | 7.0     | 2 1      | 7  |            |  |  |          |         |        | 1         |         |        |  |            | 1645       |                  | 164       |
|                   |               |             |                |       |         |          |  |            |  |  |          |         |        |           |         |        |  | 1640       |            | 1640             |           |
|                   |               |             |                |       |         |          |  |            | <del>                                     </del> |  |          |         |        |           |         |        |  |            |            |                  |           |
| Element (X)       |               | Σχ²         | <del></del>    | 1     | ZX      | <u>'</u> | Ž  | <b>"</b> , | т.   | No. 01   | os.      |         |        |           | Mean N  | lo. of | Hours wit  | h Temperat | ure        |                  |           |
| Rel. Hum.         |               | 1020        | 2451           |       | 1268    | 89       | 77.4   |            |  | 16   | 40       | ≤ 0 1   | F      | ± 32 F    | ≥ 67    | F      | ≥ 73 F   | ≥ 80 F     | ≠ 93 F     | .                | Total     |
| Dry Bulb          |               |             | 3015           |       | .657    | ****     | 52.1   |            |  |  | 45       |         | 十      |           |         | -,     | ٠,   |            | 1          | 1                |           |
| Wet Bulb          |               |             | 9410           |       | 796     |          | 48.6   |            |  |  | 40       |         | _†     | . 5       |         | •      |  |            | <b>—</b>   |                  |           |
| Dew Point         |               |             | 7909           |       | 733     |          | 44.7   |            |  |  | 40       |         |        | 9.9       |         |        |  | 1          | 1          |                  |           |

C FOEM 0.26-5 (OLA)

USAFETAC PORM

DATA PROCESSING RRANCH USAF ETAC AIR "EATHER SERVICE/FAC

# PSYCHROMETRIC SUMMARY

43311 TUEY TAP JAPAT / HUTSIN 47-60,67,69-72

| Temp,            |     |       |              |                |  | WET          | BULB   | EMPER        | TURE   | DEPRE        | SSION (      | F)         |  |         |         |          |  | TOTAL  | 1              | TOTAL       |              |
|------------------|-----|-------|--------------|----------------|--|--------------|--|--------------|--|--------------|--------------|------------|--|---------|---------|----------|--|--|----------------|-------------|--------------|
| (F)              | 0   | 1 - 2 | 3 - 4        | 5 - 6          | 7 - 8  | 9 - 10       | 11 - 12  | 13 - 14      | 15 - 16  | 17 - 18      | 19 - 20      | 21 - 22    | 23 - 24  | 25 - 26 | 27 - 28 | 29 - 30  | ≥ 31   | D.B. W.B.  | Dry Bulb       | Wet Bulb    | Dew Poin     |
| 72/ 71           |     |       | i            | .:             | i  | i            |  |              |  |              |              |            |  |         |         |          | 1  | 1 3  | 1              |             |              |
| 70/ 69           |     |       | . 4          | •              | . ?  | . 1          | }  |              |  |              |              |            |  | 1       | - 1     |          | 1  | 1 14   | 10             |             | }            |
| 68/ 67           |     | . 2   |              | . ?            | . 2  | . 1          | • 1  |              |  |              |              |            |  | i       |         |          |  | 19   | 19             | S           |              |
| 66/ 65           | 1   |       | 4            | 1.             |  | 5            | ••   |              | 1  |              | i '          | 1          | '  | 1 1     | ſ       |          | 1  | 37   | 37             | 13          | ι            |
| 64/ 63           |     |       | .8           | . 1            | .0   |              |  |              |  |              |              |            |  |         |         |          |  | 52   | 52             | 19          |              |
| 62/ 61           | . 2 |       | 1.4          | 1.5            | . 4  | .2           | .1   |              |  |              |              |            |  | 1 _1    | 1       |          | 1  | 7.5  | 75             | 36          |              |
| 60/ 59           | .7  | 1.7   | 2.2          | 1.1            | 1.1  | . 2          | . 1  |              | .1   | .1           |              |            |  |         |         |          |  | 118  | 120            | 67          | 35           |
| 58/ 57           | 6   | 3.3   |              | 126            | . 8  |              | . 3  | 2            |  |              | <u> </u>     |            |  |         |         |          |  | 159  | 164            | 81          | 57           |
| 56/ 55           | .7  | 3,9   | 4.2          | 2.3            | . /  | .7           | . 4  | • 1          | .1   |              |              |            |  | i       |         |          |  | 179  | 179            | 153         | 86           |
| 54/ 53           | 7   |       | 1 2 8        | 2.7            | 1.5  | 7            | . 2  | 2            |  |              |              |            |  |         |         |          | <u> </u>   | 191  | 121            | 134         | _126         |
| 52/ 51           | . 6 | 2.3   | 2.7          | 2.15           | 1.3  | .5           | . 4  |              |  | 1            | 1            | ! !        | ļ  | !!      |         |          |  | 171  | 171            | 137         | 113          |
| 50/ 49           | 6   |       | 3.3          | 2.0            | <del></del>                                      |              |  |              |  | ļ            | <b>!</b>     |            |  |         |         |          | <del> </del>                                     | 172  | 172            | 150         | <del></del>  |
| 48/ 47           | • 9 |       |              | 1.7            | 1.0  | .7           | 1 .1   | 1            |  |              | ŀ            |            |  |         | - 1     |          |  | 152  | 152            | 184         |              |
| 46/ 45           | 2   |       | 2.1          | 2.2            | 1.1  | 4            | <b> </b>   | ļ            | <del> </del>                                     | <b> </b>     | ļ            |            |  |         |         |          | <u> </u>   | 132  | 132            | 154         | _120         |
| 44/ 43           | . ? |       |              |                | • 5  | .3           | <b>\$</b>  |              |  |              | Į.           |            | ĺ  |         |         |          |  | 71   | 71             | 127         |              |
| 421 41           |     | 8.    |              | 7              | 6  |              | <del> </del>                                     |              | <u> </u>   |              |              |            |  |         |         |          | <del>                                     </del> | 7 20   | 61             | 114         | 129          |
| 40/ 39           |     | . 5   | - 4          | - 2            | ļ  | (            | [  |              |  |              | [            |            |  |         | l l     |          |  | 13   | 15             |             |              |
| 38/ 37           |     |       |              |                | <del> </del>                                     | ├            | <del>├</del> ──                                  | <del> </del> |  |              | <del> </del> |            |  |         |         |          | <del> </del>                                     |  | <del></del>    | 68          | 82           |
| 36/ 35           |     | • ?   | 1            |                | ĺ  | ļ            | 1  | ł            | ļ  | ļ            | -            |            | ļ  | 1 1     |         |          | ļ  | 3  |                | •           |              |
| 34/ 33           |     | 1     | <del> </del> | <del> </del>   | <del> </del> -                                   | <del> </del> | <del> </del> -                                   |              | <del> </del>                                     |              | <del> </del> |            |  |         |         |          | <del> </del>                                     | <del> 2</del>                                    | 2              | 14          | <del> </del> |
| 32/ 31<br>30/ 29 |     | ł     | 1            |                |  |              | 1  | <b>.</b>     | 1  |              | 1            |            | }  | 1       |         |          | į.   | 1  | İ              | 4           | 53           |
| 28/ 27           |     |       | <del> </del> | <del> </del>   | <del>                                     </del> | <del> </del> | <del> </del>                                     | <del></del>  | <del>                                     </del> | <del></del>  | 1            |            | <del>                                     </del> |         |         |          | <del> </del>                                     | <del>                                     </del> | <del> </del> - | <del></del> | 34           |
| 26/ 25           |     |       | ļ            |                |  |              | 1  |              |  |              | İ            |            |  |         |         |          | 1  | 1  | 1              | ļ           | 27           |
| 24/ 23           |     |       | 1            | <del> </del> - | <del>                                     </del> | i —          | <del>                                     </del> |              |  | <del> </del> | <u> </u>     |            | _  | 1       |         |          | 1  | -  | <del> </del>   |             | 13           |
| 22/ 21           |     |       | 1            |                |  |              |  | ŀ            |  |              | ļ            | ļ          |  |         |         |          |  |  |                |             | 19           |
| 20/ 19           |     | ļ     | 1            |                | i  |              | 1  | i            | 1  |              |              |            |  |         |         |          |  | 1  | 1              |             | 10           |
| 18/ 17           |     |       |              | İ              |  |              |  |              |  |              |              |            |  | _       |         |          |  |  |                |             | - 6          |
| 16/ 15           |     |       |              |                |  |              |  |              |  |              |              |            |  |         |         |          |  | 1  | 1              |             | 1            |
| 14/ 13           |     |       |              | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>   | ļ            | <u> </u>   |              | <u> </u>     |            |  |         |         |          | L _  | <u> </u>   |                |             | 1            |
| UTAL             | 5.8 | 26.4  | 26.9         | 21.5           | 11.2   | 5.6          | 2.0  | . 5          | .1   | . 1          |              |            |  |         |         |          | 1  |  | 1631           |             | 1626         |
|                  |     |       | <u></u>      | <u> </u>       |  | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>     |            |  |         |         |          | <u> </u>   | 1626   |                | 1626        | <u> </u>     |
|                  |     |       | 1            |                |  |              |  |              |  |              |              |            |  |         |         |          |  |  |                |             | 1            |
| Element (X)      |     | ZX2   | ·            | 1              | Σχ   | <del></del>  | X.   | · / x        |  | No. O        | bs.          |            | <del></del>                                      |         | Mean N  | No. of t | lours wit  | h Tempero  | ture           | <del></del> |              |
| Rel. Hum.        |     | 934   | 0330         |                | 1202   | 12           | 73.9   | 16.6         | 95   | 16           | 26           | <b>±</b> 0 | F  | ≤ 32 F  | ≥ 67    | F        | ≥ 73 F   | ≥ 80 F   | ≥ 93           | F           | Total        |
| Dry Bulb         |     |       | 8609         |                | 861  |              | 52.8   | 6.4          |  |              | .31          |            |  |         | 1       | .7       |  |  |                |             | 90           |
| Wet Bulb         |     |       | 3990         | <del></del>    | 790  |              | 48.6   |              |  |              | 26           |            |  | 2       |         | -1       |  | <u> </u>   |                |             | 91           |
| Dew Point        |     | 221   | 3908         | ri .           | 716  | 10.2         | 44.1   | 19.7         | ואמי   | 1 4          | 26 1         |            | - 1  | 11.3    | ı       | 1        |  | 1  | 1              |             | 90           |

DATA PRICESSING PRANCH
USAF ETAL
AIR MEATHER SERVICE/HAC

63311 TIDLY: TAP JAPAN/MINSHU 67-60-67-69-72

#### **PSYCHROMETRIC SUMMARY**

C900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 23 | D.B./W.B. Dry Bulb Wet Bulb Dew Point 78/ 77 76/ 75 74/ 73 72/ 71 13 13 70/ 69 63/ 67 7.1 11 66/ 65 1.0 25 97 97 64/ 63 107 107 38 1.3 62/ 61 1.6 1.9 1.0 141 141 80 32 60/ 59 58/ 57 56/ 55 . 2 1.9 2.8 2.1 . 2 198 136 66 1.6 198 1.0 192 192 156 34/ 53 2.2 174 174 182 122 52/ 51 109 108 155 120 1.4 • 1 185 158 .7 2.4 1.2 1.3 133 133 190 48/ 47 52 139 52 . 3 46/ 45 129 21 21 124 96 44/ 43 98 42/ 41 . 2 8 73 106 40/ 39 76 20 84 38/ 37 3 36/ 35 73 57 34/ 33 32/ 31 49 30/ 29 29 28/ 27 34 26/ 25 15 24/23 22/ 21 17 20/ 19 18/ 17 16/ 15 7 14/ 13 | Mean No. of Hours with Temperature | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F No. Obs. Element (X) Rel. Hum. ± 0 F ≤ 32 F Total Dry Bulb

FORM 0.26-5 (OL A) REVISED MEYIOUS EDITIONS OF THIS FORM ARE OBS

TAC FORM 0.26

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY 2 USAF ETAC AIR SEATHER SERVICE/HAC 43311 TORY: TAP JAPAN/HURSHU 47-60-67-69-72 0900-1100 HOURS (L S. T.) PACE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Lity Bulb Wet Bulb Dew Point TUTAL 3.214.716.420.320.811.5 7.7 3.8 1.2 1643 1642 æ õ 0.26-5 Element (X) No. Obs. Mean No. of Hours with Temperature 1642 ≤ 32 F 267 F = 73 F × 80 F × 93 F Rel. Hum. 7668932 108148 65.916.239 94950 57.8 6.578 84719 51.6 6.585 Dry Bulb 3558266 94950 1643 90 90 Wet Bulb 4442235 1642 74622 45.4 9.948 10.0 3553664 1642

DATA PRUCESSING BRANCH USAF ETAC 2 AIR WEATHER SERVICE/MAC

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USAFETAC

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Ref Hom.

Dry Bulb Wet Build Dew Point

#### **PSYCHROMETRIC SUMMARY**

43311 TERY TAP JAPAN / HIN SHU 47-60-67-69-72 PAGE 1 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL IUTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 26 27 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 80/ 79 78/ 77 • 1 76/ 75 74/ 73 36 36 72/\_71 70/ 69 2.0 . 1 103 10al 68/ 67 110 1.4 2.0 2.1 17 66/ 65 1.8 1.0 162 162 43 64/\_63 181 180 33 62/ 61 1.6 170 170 1.3 60/ 59 217 54 58/ 57 2.2 2.0 1.4 1.5 1.7 1.1 . 1 175 175 160 113 56/ 55 127 188 134 54/ 53 1.2 • 7 1.4 88 88 165 138 . 2 52/\_51 57 56 . 5 50/ 49 .6 1.4 . 6 . 3 159 125 63 63 . 2 48/ 47 25 144 141 • 1 46/ 45 9 9 86 103 44/ 42 94 42/ 41 . 2 35 110 70 40/ 39 38/ 37 11 76 70 34/ 33 38 32/ 31 29 30/ 29 31 28/ 27 19 26/ 25 15 24/ 23 15 22/ 21 5 20/ 19 18/ 17 3 16/ Element (X) Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

≤ 0 F

≤ 32 F

DATA PROCESSING PRANCHUSAF ETAC AIR EATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 43311 TUKY: TAP JAPAN/HUISHU 47-60-67-69-72 PACE 2 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

1 TOTAL

2 TOTAL

2 TOTAL Temp. (F) 14/ 13 12/ 11 TOTAL 1638 2.311.813.115.639.416.710.3 6.4 2.7 1.0 1638 1638 Element (X) No. Obs. Mean No. of Hours with Temperature 102801 7031793 62.818.823 1638 # 0 F ≤ 32 F 267 F 273 F 280 F 293 F Rel. Hum. 6173096 99980 1639 61.0 6.733 19.1 90 Dry Bulb 3.2 90 4792712 87976 53.7 6.425 Wet Bulb 1638 1.6 76958 47.0 9.936 1638 90

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/:52C

43311 TUKY TAP JAPAN / LINSHU

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | × 31 | D.B. W.B. Dry Builb Wet Builb Dew Poin 76/ 75 15 15 74/ 73 72/ 71 . 1 . 6 47 47 • l 70/ 69 55 67 45 14 68/ 67 . 5 1.1 1.8 1.9 . 1 130 130 6 66/ 65 161 44 2.8 161 . 8 31 2.0 1.4 64 64/ 63 3.6 229 553 62/ 61 2 24 120 41 . 3 60/ 59 1.6 2.9 2.4 2.9 223 167 91 1.4 2.23 .6 1.0 58/ 57 206 109 147 56/ 55 1.0 . 6 1.0 1.5 109 1 9 216 148 1.5 . 1 54/ 53 .8 180 159 rı . 8 1.0 81 52/ 51 .6 148 65 65 124 50/ 49 . 4 55 155 156 1.2 5.15 128 48/ 47 • 0 . 3 38 117 . 3 28 - 3 46/ 45 84 124 44/ 43 . 1 . 2 63 91 4, 30 76 40/ 39 .1 17 82 38/ 37 72 36/ 35 61 34/ 33 38 32/ 31 37 30/ 29 1.8 28/ 27 8 10 261 25 24/ 23 8 22/ 21 10 20/ 19 18/ 17 16/ 15 TOTAL 1649 1649 Element (X) No. Obs. Mean No. of Hours with Temperature Ret. Hum. 7506392 10F : 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 107186 65.018.089 1649 Dry Bulb 60.8 6.331 6163259 100271 1649 9.0 Wet Bulb 54.0 6.195 20 1649 4880158 89124 3932257 79015 47.9 9.416 90

47-60-67-69-72

0.26-5 (OL A) sevised memous editions of this m

SAFETAC FORM

DATA PROCESSING BRANCH USAF ETAT AIR REATHER SERVICE/MAC 43311 FILEY: TAP JAPAN/HINSH: 47-60-67-69-72 YEARS USAFETAC

2

# PSYCHROMETRIC SUMMARY

1800-2000 HOURS (L. S. T.) PACE 1

| Temp.       |      |              |                |               |                | WET            | BULB '         | TEMPER         | RATURE                                  | DEPR           | SSION        | (F)             |                |  |                |                |              | TOTAL                     |                | TOTAL        |           |
|-------------|------|--------------|----------------|---------------|----------------|----------------|----------------|----------------|---|----------------|--------------|-----------------|----------------|--|----------------|----------------|--------------|---------------------------|----------------|--------------|-----------|
| (F)         | 0    | 1 - 2        | 3 - 4          | 5 - 6         | 7 - 8          | 9 - 10         | 11 - 12        | 13 - 14        | 15 - 16                                 | 17 - 18        | 19 - 20      | 21 - 22         | 23 - 24        | 25 - 26  | 27 - 28        | 29 - 30        | ≥ 31         | D.B. W.B.                 | Dry Bulb       | Wet Bulb     | Dew Point |
| 74/ 73      |      |              |                |               |                |                | • 1            |                | i                                       | 1              |              |                 | i — —          |  |                |                |              | ī                         | 1              |              |           |
| 72/ 71      |      |              | 1              | 1             |                |                |                |                |   | l              | <u> </u>     |                 |                | <u> </u>                                       |                |                | <u> </u>     | 5                         | 5              |              |           |
| 70/ 69      |      | .3           | .3             | ,,            | . 3            |                |                | - 1            | . 1                                     | 1              | i            | T               | 1              |  |                |                |              | 22                        | 22             |              |           |
| 68/ 67      |      | .4           | .8             | . 9           |                |                | 1              | •1             |   | ,              | 1.1          | l               | i              | <b>]</b>                                       |                |                | Ì            | 55                        |                |              | 1         |
| 66/ 65      |      | .9           | 1.4            | 2.3           | 1.0            |                |                | .3             | Ī                                       |                |              | 1               |                |  |                |                | ĭ            | 110                       |                | 17           | 12        |
| 64/ 63      |      | 1.0          | 3.1            | 3.1           | 1,2            | 8              |                | .1             | .1                                      | 11             | <u></u>      | <u> </u>        |                | 1  |                |                | i            | 159                       | 159            | 34           | 24        |
| 62/ 61      | . 4  | 2.4          | 4.0            | 3,6           | 2.4            | .3             |                |                | .1                                      | .]             |              |                 |                |  |                |                |              | 224                       | 224            | 91           | 31        |
| 60/ 59      | 2    | 2.6          | 4 5            | 15.2          | 2.3            | 2ما_           |                | 3              |   | 1 .1           | <u> </u>     | <u> </u>        | <u> </u>       | <u> </u>                                       |                | l              |              | 276                       | 276            | 150          | 66_       |
| 58/ 57      | . 2  | 2.3          | 3.6            | 3.4           | 1.6            | .9             | . 5            |                |   |                |              | 1               |                |  |                |                |              | 199                       | 199            | 194          | 121       |
| 56/ 55      | 2    |              |                | 2.6           | 2.0            | 1.0            |                | 4              |   | . <u> </u>     |              | <u> </u>        |                |  |                |                | <u> </u>     | 154                       | 134            | 210          | 160       |
| 54/ 53      | . 5  | 1.5          | 1.2            | 2.2           | 2.4            | .8             | .3             | 1 .1           |   | 1              | 1            | 1               | 1              | 1  |                | 1              | Ì            | 146                       | 142            | 200          | 166       |
| 52/51       | 2    | 1.5          | 1.3            |               | 1.1            | 2              | 2              | 1              |   | <u> </u>       |              | J               | ļ              | <u> </u>                                       |                |                |              | ەر:ا                      | 96             | 163          | 144       |
| 50/ 49      | , 7  | 1.1          | 9              | 1.0           | . 13           |                | .4             |                |   | ĺ              | 1            | 1               | ì              | 1  | į              |                |              | 81                        | 01             | 162          | 154       |
| 48/ 47      | 3    | 7            | 5              | -4            |                | 4              | 1 2            |                |   |                |              | <u> </u>        | <u> </u>       | ļ  |                |                | <u> </u>     | 47                        | 47             | _131         | 134       |
| 46/ 45      |      | .4           | .7             | .0            | .1             | . 2            | .1             |                |   | 1              | 1            |                 | ĺ              | ĺ  |                | •              | ļ            | 37                        | 3.7            | 105          | 130       |
| 44/ 43      |      | 4            |                | المحددا       | ļ              | 1              | <u> </u>       | ļ              |   | <u> </u>       |              | <del> </del>    |                | <u> </u>                                       | ļ              |                | <u> </u>     | $\perp \perp \perp \perp$ |                | 68           | 75        |
| 42/ 41      | . 1  |              |                | ĺ             | ĺ              |                |                | ĺ              |   |                | ļ            | 1               | 1              | j  |                |                | ĺ            | 10                        | l to           | 53           | 100       |
| 40/ 39      |      | 2            | ļ              | <u> </u>      | L              |                | ļ              |                | <u> </u>                                | ļ. <u> </u>    | ļ_           | <u> </u>        | <u> </u>       | ļ <u>.                                    </u> | ļ              | <u> </u>       | ļ            | <del>  3</del>            | 3              | 24           | 72        |
| 38/ 37      |      | 1            |                |               | ĺ              | Ì              |                |                |   | 1              | 1            | 1               | İ              |  |                |                | i            | 1                         |                | 1.7          | 69        |
| 36/ 35      |      | 1            | <del> </del>   | ļ             |                |                | <del> </del>   |                | <u> </u>                                | <del> </del>   | ļ            | ļ <u> </u>      | <del> </del> - | ļ  |                | <u> </u>       | ļ            | 2                         | 2              | 8            | 41        |
| 34/ 33      |      | • 1,         | į              | -             | l              |                | l              | ĺ              |   | ĺ              | '            |                 |                | į  | <b>!</b>       | l              |              | 1                         | 1              | 3            |           |
| 32/31       |      |              |                | <del> </del>  | <del> </del> - |                | <del> </del>   |                | <del> </del>                            | <del> </del>   |              | <del> </del>    | <del> </del> - | <del>-</del>                                   |                | <u> </u>       | <del> </del> | <u> </u>                  | <del> </del> - |              | 22_       |
| 30/ 29      |      | ļ            | İ              | ļ             | l              |                |                | l              |   | 1              |              | į.              | 1              |  | ί .            |                | 1            | į.                        | ļ              |              | 10        |
| 28/ 27      |      | <del> </del> | <del> </del> - | <del> </del>  | <del> </del>   | <b> </b>       | <del> </del>   | <del> </del> - | ├                                       | <del> </del> - | ├            | <del> </del> —— | <b>├</b>       |  |                | <del> </del>   | ├            | <del> </del>              | <del> </del>   |              |           |
| 26/ 25      |      | ļ            | 1              | 1             |                |                |                |                |   | ]              |              | 1               |                | 1  | ĺ              |                | 1            |                           |                | !            | 6         |
| 24/ 23      |      | <del> </del> | ļ              | <del> </del>  | <del> </del> - |                | <del> </del>   |                | ├                                       | <del>-</del>   |              | <del> </del> -  | <del> </del>   |  |                | <del> </del> - | <del>├</del> | ļ                         |                |              |           |
| 22/ 21      |      | i            |                | ļ             |                |                |                |                |   | 1              | Ì            |                 |                |  |                |                | 1            | ł                         | 1              | ł            | 15        |
| 20/ 19      |      | <del> </del> |                | <del></del> - | <u> </u>       |                | <del> </del>   | <del> </del>   | <del> </del>                            | +              |              | <del> </del>    | ┼              | <del> </del>                                   |                |                | <del> </del> | <del> </del>              | <del> </del>   |              | 10_       |
| 18/ 17      |      |              |                | 1             | i              |                |                |                | 1                                       | ļ              | 1            |                 |                | 1  |                | ļ              | 1            |                           |                | 1            | 1 2       |
| 16/ 15      |      | <del> </del> | <del> </del>   | <del> </del>  | <u> </u>       | <del> </del> - | <del> </del> - | <del> </del> - | ┼                                       | <del> </del>   | <del> </del> | <del>├</del> -  |                | <del> </del>                                   | <del> </del> - | <del> </del>   | ┼            | <del> </del> -            | ├              | <del> </del> |           |
| 14/ 13      | ١,,, |              | L              | h             |                | ١., .          | Ι,,            | ١              |   | .  _           | i.           |                 |                |  |                | ł              |              |                           |                | l            | 1         |
| TOTAL       |      | 11.1.2       | K.C.a.         | K D . 2       | تزوها          |                | 400            |                | ک مــــــــــــــــــــــــــــــــــــ | ·              |              | <del> </del>    |                | -  |                | <del> </del>   | <del> </del> | 1.00                      | 1639           | 1639         | 1639      |
|             |      |              |                |               |                |                |                | 1              | 1                                       |                |              |                 |                |  |                |                |              | 1639                      |                | (0.29        |           |
| Element (X) |      | 7: χ²        |                |               | Σχ             |                | X              | •,             |   | No. O          | bs.          |                 |                |  | Mean           | No. of H       | lours wit    | h Tempera                 | ture           |              |           |
| Rel. Hum.   |      | 870          | 2 0 2          |               | 1164           | 25             | 71.0           | 16.2           | 120                                     | 16             | 39           | ≤ 0             | F              | ± 32 F   | ≥ 67           | F              | ≥ 73 F       | ≥ 80 F                    | ≥ 93           | F            | Total     |
| Dry Bulb    |      |              | 5983           |               | 949            |                | 57.9           |                |   | 16             | 39           |                 |                |  | 4              | .6             | ان           |                           |                |              | 90        |
| Wet Bulb    |      | 452          | 1333           |               | 854            | 37             | 52.7           | 0.1            | 95                                      | 16             | 39           |                 |                |  |                | 4              |              |                           |                |              | 90        |
| Dew Point   |      |              | 2087           |               | 784            |                | 47.9           |                |   | 16             | 39           |                 |                | 5.1  |                | . 1            |              |                           |                |              | 90        |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 43311<br>STATION | IDE            | Y          | LAP          | JAPA<br>S | TATION N | LH241<br>AME |          |         |         | 4.7×     | 60.6       | 1,69       | <u> 72</u> | YE           | ARS       |          |             |          |           | HTHOM            |
|------------------|----------------|------------|--------------|-----------|----------|--------------|----------|---------|---------|----------|------------|------------|------------|--------------|-----------|----------|-------------|----------|-----------|------------------|
|                  |                |            |              |           |          |              |          |         |         |          |            |            |            |              |           |          | F 1         | ICE I    |           | 00-2<br>RS (L. S |
| Temp.            |                |            |              | ,         | 1        |              |          |         |         |          | SSION (    |            |            |              |           |          | TOTA        |          | TOT       |                  |
| <u>(F)</u>       | 0              | 1 - 2      | 3 - 4        | 5 - 6     | 7 - 8    | 9 - 10       | 11 - 12  | 13 - 14 | 15 - 16 | 17 - 18  | 19 - 20    | 21 - 22    | 23 - 24    | 25 - 26      | 27 - 28 2 | 9 - 30 ≥ | 31 D.B. W   | B. Dry B | olb Wet E | iulb De          |
| 72/ 71           |                | 1          | . 1          | 1         |          |              | <u> </u> |         |         | ļ<br>    |            |            |            |              |           |          |             | 1 4      | 1         |                  |
| 68/ 67           |                | . ¿<br>1.1 | د.<br>لامل   | . 7       | . 4      | .1           |          |         |         |          |            |            |            |              |           |          |             |          | 30<br>52  | 3<br>8           |
| 54/ 63<br>62/ 61 | . 1            | 1.3        | 4.5          | 1.5       |          | . 2          | • 1      | • 1     | 1       |          |            |            |            |              |           |          | 11          |          |           | 37<br>59         |
| 60/ 59<br>58/ 57 | . 5<br>1       | 2.7        | 5.6          |           | .7       |              | 1        | • 1     | • 1     |          |            |            |            |              |           |          | 2.2         | 7 2      | 29 1      | 19<br>85         |
| 56/ 55<br>54/ 53 | .4             | 2.8        | 3.9          | 3.9       | 1.3      | .5           | .4       | • 1     |         |          |            |            |            |              |           |          | 21          | 9 2      | 19 2      | 10               |
| 52/ 51<br>50/ 49 | . 6<br>7       | 1.8        | 2.5          | [ . ?     |          | .4           |          |         |         |          |            |            |            |              |           |          | 114         | 4 1      | 44 1      | 65<br>82         |
| 48/ 47<br>46/ 45 | . 5            | 1.0        | . 4          |           |          | . 2          | -1       |         |         |          |            |            |            |              |           |          |             | 4        | 64 1      | 54<br>16         |
| 44/ 43           | 1              | , 9<br>4   | .4           |           |          |              |          |         |         | <u> </u> |            |            |            |              |           |          | 1           | 37       | 37        | 76<br>74         |
| 40/ 39<br>38/ 37 | . 1            | . 1        | . 2          |           |          |              |          |         |         |          |            |            |            |              |           |          |             | 7        | 7         | 54               |
| 36/ 35<br>34/ 33 | • 1            | . i        |              |           |          |              |          |         |         |          |            |            |            |              |           |          |             | 3        | 3         | 18               |
| 32/ 31<br>30/ 29 |                |            |              |           |          |              |          |         |         |          |            |            |            |              |           |          |             |          |           |                  |
| 28/ 27           |                |            |              |           |          |              |          |         |         |          |            |            |            |              |           |          |             |          |           | $\perp$          |
| 24/ 23           |                |            |              |           |          | <u> </u>     |          |         |         |          |            |            |            |              |           |          |             |          |           | $\perp$          |
| 20/ 19<br>18/ 17 |                |            | <br>         |           |          |              |          |         |         |          |            |            |            |              |           |          |             |          |           | $\bot$           |
| 16/ 15<br>TUTAL  | 3.6            | 22.8       | 29.8         | 24.       | 11-6     | 4.2          | 2.4      |         |         |          |            |            |            | ļ            |           |          |             |          | 46        | 1                |
|                  |                |            |              |           |          |              |          |         |         |          |            |            |            | <del> </del> |           |          | 166         | 14       | 16        | 44               |
| Element (X)      |                | Σχ²        |              |           | Σχ       | <u> </u>     | X        | •       | 1       | No. O    | )<br>hs. 1 |            |            |              | Maro Ma   | of House | s with Temp | •ralers  |           |                  |
| Rel. Hum.        | <del> </del> - |            | 3818         | ļ <b></b> | 1220     | 190          | 74.3     | ·       |         |          | 44         | ± 0        | F          | ± 32 F       | ≥ 67 F    |          | · · · · ·   |          | 93 F      | Tot              |
| Dry Bulb         | <del> </del>   |            | <u> 1509</u> | 7         | 921      |              | 56.0     |         |         |          | 46         | <u>_</u> _ |            |              | 1         |          |             |          |           |                  |

DATA PROCESSING BRANCH USAF ETAC AIR "EATTER SEKVICE/MAC

### PSYCHROMETRIC SUMMARY

43311 III. Y.: 1AP JAPAN/HINSHI 47-60:61:69-72

PACE 1 0000-0200

| Temp.            |      |          |  |  |       |        |              |              |          | DEPRE             |              |         |  |  |         |           |  | TOTAL   | <u> </u>     | TOTAL  |             |
|------------------|------|----------|--|--|-------|--------|--------------|--------------|----------|-------------------|--------------|---------|--|--|---------|-----------|--|---------|--------------|--|-------------|
| (F)              | 0    | 1 - 2    | 3 - 4  | 5 - 6  | 7 - 8 | 9 - 10 | 11 - 12      | 13 - 14      | 15 - 16  | 17 - 18           | 19 - 20      | 21 - 22 | 23 - 24                                | 25 - 26  | 27 - 28 | 29 - 30   | 231  |         | Dry Bulb     | Wet Bulb   | Dew Por     |
| 82/ 81           |      |          | . 2  |  |       |        | Ī            |              |          |                   |              |         |  |  |         |           | 1  | 3       | 1            | <del></del>                                      |             |
| 80/ 79           |      | 2        | 1.2  | 2  | L ]   |        | 1            |              |          | }                 |              |         |  |  | _       |           | 1  | 27      | 27           | 1  | }           |
| 78/ 77           | . i  | . 9      | 1.5  | • 1  |       |        |              |              |          |                   |              |         |  |  |         |           |  | 44      | <del></del>  | 18   |             |
| 76/ 75           |      | د        |  | 2  |       |        | i            | i            |          | 11                |              |         |  | <b>.</b>   | }       |           | 1 !  | 1.0     |              |  | 3           |
| 74/ 73           |      |          | . i  |  | • 1   |        | 1            |              |          |                   |              |         |  |  |         |           |  | S       | 2            | 25   |             |
| 72/ 71           |      |          | 1 2  |  | -2    |        |              |              |          |                   |              |         |  | ll   |         |           |  | 7       | 7            | 10   |             |
| 70/ 69           | . 1  | .9       | . 8  | • 3  | - 5   | . 1    | .]           |              |          | 1 1               |              |         |  | 1  | ]       |           |  | 46      | 46           | 6  | 6           |
| 68/ 67           |      | 2.0      |  |  | 8     |        | i1           |              |          |                   |              |         |  |  |         |           |  | 133     |              |  |             |
| 66/ 65           | . 2  | 4.1      | 5.3  | 2.0  |       |        | <b>\</b>     | • 1          |          | 1 1               |              |         |  | 1  | 1 1     |           | 1 !  | 228     |              |  | 42          |
| 64/ 63           | 2    |          | 7.4  |  | 1.0   |        |              |              |          |                   |              |         |  |  |         |           | ļ  | 313     | <del></del>  | 168  | 82          |
| 62/ 61           | . 3  | 3,6      | 5.5  | 2.2  |       | . 5    |              | l i          |          | 1 1               |              |         |  | 1 1  | 1 1     |           |  | 274     |              |  | 18          |
| 60/ 59           | 1.3  |          |  |  | 1.4   |        |              |              |          | - <del> </del> -i |              |         |  |  |         |           |  | 271     |              |  |             |
| 58/ 57           | • 6  | 3.3      | 2.7  |  | .5    | • 7    |              | • 1          |          | 1 1               |              |         |  | 1  |         |           | ]  | 157     |              |  | 258         |
| 56/ 55           | 2    | 2.6      |  | 1.2  | 5     |        |              |              | <u> </u> | <del> </del> -    |              |         |  | ļ  |         |           |  | _101    | 101          | 198  | 214         |
| 54/ 53           | . 2  |          | .6   | • 5  |       |        | 1            | ۱ '          |          | 1 1               | İ            |         |  | }  |         |           |  | 40      |              |  | 150         |
| 52/ 51           |      | -4       |  |  | 3     |        | <b></b>      |              |          |                   |              |         | <del> </del>                           | <b> </b> -                                       |         |           | <del>- </del> -                                  | 32      |              |  |             |
| 50/ 49           | • 2. |          |  | • }  | ) !   | • 1    | 4            | ĺ            |          | 1 1               |              |         |  | 1  | i i     |           | 1  | 13      |              |  |             |
| 48/ 47           |      | 3        |  |  |       |        | <u> </u>     | <del> </del> |          |                   |              |         |  |  | ı       |           |  |         |              |  |             |
| 46/ 45           |      | }        |  | <b>\</b>   | 1     |        | 1            | l            |          | 1 1               |              |         |  |  | 1       | ł         | 1  | 1       | 1            | 23   | 5           |
| 44/ 43<br>42/ 41 |      |          | ╁╌╌┹   | <del> </del>                                     |       |        | <del> </del> |              |          |                   |              |         |  | <del> </del> -                                   | l       |           | <del></del>                                      |         | ┝╼╼┵         | 5  | 3           |
| 40/ 39           |      |          | 1  | }  | }     |        | 1            | l            |          | 1 1               |              |         |  | [  | 1       | }         | 1  |         | ŀ            | 1 7  | 2           |
| 38/ 37           |      | <u> </u> | <del> </del>                                 | <del> </del> -                                   |       |        | <del></del>  |              | <u></u>  | 1                 |              |         |  | <del> </del>                                     |         | <b></b> - | <del> </del>                                     |         | <del> </del> | <del>                                     </del> | 1           |
| 36/ 35           |      |          | 1  | 1  |       |        | 1            | 1            | ļ        | 1 1               |              |         | }                                      | 1  | 1 1     |           | 1  |         | }            | ł  | ^           |
| 34/ 33           |      |          | <del> </del> -                               |  |       |        | <del> </del> |              | }        | 1                 |              |         |  | <del>                                     </del> |         |           | <del> </del>                                     |         | <del> </del> | 1  |             |
| 30/ 29           |      | 1        | \<br>!                                       | l  | 1 .   |        | 1            | 1            | 1        | 1 1               |              |         | l                                      | ļ.   |         | l         | 1  |         | ļ            | i  | l           |
| 26/ 25           |      |          | 1  |  | 1     |        | <del> </del> |              |          |                   |              |         |  |  |         | _         | <del>                                     </del> |         | <del> </del> | <del>                                     </del> |             |
| OTAL             | 4.0  | 33.7     | 35.3   | 16.0   | 7.0   | 3.7    | 8            | 1 . 1        |          | 1                 |              |         | Ì                                      | 1  | j i     | 1         | 1  | l       | 1724         |  | 172         |
|                  |      |          |  | 1  |       |        | 1            | 1            | i        |                   |              |         |  |  |         |           | <del>                                     </del> | 1722    |              | 1722   |             |
|                  |      |          |  | 1  | l     |        | 1            | l            |          |                   |              | l       |  | 1.   | 1 :     | 1         | 1  |         | ł            | 1  | ł           |
|                  |      |          |  |  |       |        | T            |              |          |                   |              |         |  |  |         |           | Ţ <b>_</b> _                                     |         |              | 1  |             |
|                  |      |          | <u> </u> .                                   |  |       |        | <u> </u>     | <u> </u>     | <u></u>  |                   |              |         | <u> </u>                               | <u> </u>   |         | l         |  |         | <u> </u>     | <u> </u>   |             |
| i                |      | 1        |  |  |       |        |              |              |          |                   |              | 1       |  |  |         | {         |  |         |              |  |             |
| Element (X)      |      | Σχ²      | <u>.                                    </u> | <del>                                     </del> | ZX    | Ь-Т-   | X            | <b>₹</b> 8   | <u> </u> | No. Ob            | <u>.</u> . ] | l       | ــــــــــــــــــــــــــــــــــــــ | <del></del> -                                    | Mean I  | No. of I  | Hours will                                       | Tempera | ture         | <del></del>                                      | <del></del> |
| Rel. Hum.        |      |          | 2893   |  | 1399  | 65     |              | 11.7         |          | 17                |              | ± 0     | F                                      | ≤ 32 F   | ≥ 67    |           | ≥ 73 F   | ≥ 80 F  |              | F  | Total       |
| Dry Bulb         |      |          | 3693   |  | 1076  |        | 62.4         |              |          | 17                |              |         | -                                      |  | 15      |           | 5.1  |         | 8            |  | G           |
| Wet Bulb         |      | 003      | 8505   |  | 1014  |        |              | 6.0          |          | 17                |              |         | $\neg 	op$                             |  |         | .6        | 4.4  |         |              |  | 9           |
| Dew Point        |      |          | 8471   | 1  | 969   |        |              | 7.3          |          | 17                |              |         |  |  |         | - 8       | 3.7  |         |              |  | 9           |

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

### PSYCHROMETRIC SUMMARY

4331 TURYL TAP TAPAN/FUNSHU 47-60-67-69-72 YEARS MONTH

PAGE 1 \_0300=0500

| Temp.            |      |               |               |              |              |                | BULB 1         |               |                |              |              |            |                 |             |                |        |      | TOTAL        |            | TOTAL       |              |
|------------------|------|---------------|---------------|--------------|--------------|----------------|----------------|---------------|----------------|--------------|--------------|------------|-----------------|-------------|----------------|--------|------|--------------|------------|-------------|--------------|
| (F)              | 0    | 1 - 2         | 3 - 4         | 5 - 6        | 7 - 8        | 9 - 10         | 11 - 12        | 13 - 14       | 15 - 16        | 17 - 18      | 19 - 20      | 21 - 22    | 23 - 24         | 25 - 26     | 27 - 28 29     | 9 - 30 | ≥ 31 | D.B./W.B.    | Dry Bulb   | Wet Bulb    | Dew Poir     |
| 82/ 81           |      |               | . 1           |              |              |                | 1              |               | 1              |              |              |            |                 |             |                |        | 1    | 1            | j          | 1           | 1            |
| 30/ 79           |      | 3             | 2             |              |              | ļ              |                |               |                |              |              |            |                 |             | _              |        |      | 14           | 14         |             |              |
| 78/ 77           | • 1  | 1.1           |               | • 1          | ]            |                | ]              |               |                | ]            |              |            |                 |             | }              | 1      | 1    | 45           | 45         |             |              |
| 76/ 75           |      | 2             | <del></del>   |              |              | <del> </del>   | <del> </del>   |               | ļ              |              |              |            |                 |             |                |        |      | 24           | 24         | 26          |              |
| 74/ 73           | l    | • 3           | . 2           | • 1          |              |                |                |               |                |              |              |            |                 |             | į              | į      | ,    | 10           | 10         | 45          |              |
| 72/ 71           |      |               |               | 2            |              | <del> </del> - |                |               |                | <del> </del> |              |            |                 |             |                |        |      | 5            | 5          | ځـــــا     | 2            |
| 70/ 69           | 9    | . 9           | 1 . 3         | ١ ,          | 1            |                |                |               | l              |              |              |            |                 |             | -              |        |      | 23           | 23         |             |              |
| 58/ 67           |      | 100           |               |              | 4            |                | <del></del>    | <del></del> - | <del> </del>   | <del> </del> |              |            |                 |             |                |        |      | 74           | 7.5        | 26<br>39    |              |
| 66/ 65           | . 4  | 3.2           |               |              |              | -1             | 1              | 1             | . 1            |              |              |            |                 |             |                |        |      | 152<br>254   | 152<br>257 | 112         |              |
| 62/ 61           | 9    |               |               |              |              | .4             | • 1            | • 1           |                |              |              |            |                 |             |                |        |      | 255          | 255        |             | 152          |
| 60/ 59           | 1.4  | -5.9          |               | فعلا         |              |                |                |               |                | <del> </del> |              |            |                 |             |                |        |      | _274         | 274        | 242         |              |
| 58/ 57<br>56/ 55 | 1.3  | 5.7           | 3.6           | 1.1          | 1.1          | .4             |                |               | 1              |              |              |            |                 |             |                |        |      | 222<br>149   | 222        | 1           |              |
| 54/ 53           |      | 2.6           | 1.6           | ,6           | .4           | .1             |                |               |                |              |              |            |                 |             |                |        |      | 90           | 90         |             |              |
| 52/ 51           | 1    | 1.2           | 1.2           | - 5          |              |                |                |               |                |              |              |            |                 |             |                |        |      | 54           | 54         | 121         |              |
| 50/ 49           | . 4  | . 5           | .7            | .2           | 1 -          |                |                |               |                |              |              |            |                 |             |                |        |      | 33           | 33         | 93          |              |
| 48/ 47           |      | 4             | 2             | 1            | -1           |                | <del> </del>   |               |                | <u> </u>     | <b> </b> -   |            | ļ               |             |                |        |      | 13           | 13         |             | 7.           |
| 46/ 45           | . 1  |               | • 1           | l            |              | 1              |                |               |                | 1            | }            |            |                 |             |                | ļ      |      | 5            |            | 31          |              |
| 44/ 43           |      | .1            |               | <del> </del> | <del> </del> |                | <del> </del>   |               | <del> </del> - |              | <del> </del> |            | <del></del>     |             | <del></del>    |        |      |              |            |             | 1            |
| 40/ 39           |      | • •           | 'i            | 1            |              |                | }              | (             | 1              |              |              |            | 1               |             |                |        |      |              | 2          | \ ;         |              |
| 38/ 37           |      |               | 1             |              | <u> </u>     | 1              |                |               |                |              |              |            |                 |             |                |        |      |              |            |             | 1            |
| 36/ 35           |      |               |               | <u> </u>     | <u> </u>     | <u> </u>       |                |               |                |              |              |            |                 |             |                |        |      |              |            |             |              |
| 34/ 33           |      |               |               | 1            | 1            |                |                |               |                | }            |              |            |                 |             |                |        |      |              |            |             |              |
| 32/ 31           |      |               |               | ļ            | <u> </u>     |                |                |               |                |              |              |            |                 |             | <b></b>        |        |      |              |            |             | <del> </del> |
| 30/ 29           |      |               | ì             | 1            | Ì            |                |                | Ì             |                | 1            | 1            | Ì          | Į               |             | 1              |        |      |              | 1          |             | 1            |
| TOTAL_           | ٧, ق | 42.1          | 31.1          | 11.5         | قماك إ       | 2.5            | <b>i</b> 5     | 1             |                | ļ            | <u> </u>     | <u> </u>   | <u> </u>        | <b> </b> -  |                |        |      |              | 1707       | 1           | 170          |
|                  |      |               |               | ļ            |              |                |                |               | -              | ļ            |              |            | 1               |             |                |        |      | 1705         | 1          | 1705        | 1            |
|                  |      |               |               |              |              |                |                |               |                |              |              |            |                 |             |                |        |      |              |            |             |              |
|                  |      |               | -             |              |              |                | ┼              |               | <del> </del>   |              |              |            |                 |             | <del>  -</del> |        | }    |              |            |             |              |
| Element (X)      |      | Σχ'           | <u> </u>      |              | ž x          | 1              | I X            | •,            | 1              | No. O        | <u></u>      | <u> </u>   |                 | 1           | Mana No        | -( H   |      | Tempera      |            | <u> </u>    | <u> </u>     |
| Rel. Hum.        |      | <del></del> - | 1 6 2 6       | <del>}</del> |              | - -            | 82.8           |               |                |              |              | <b>±</b> 0 | F               | ≤ 32 F      | ≥ 67 F         |        | 73 F | > 60 F       | 2 93       | <u> </u>    | Total        |
| Dry Bulb         |      |               | 1435<br>14325 | ,            | 1412         |                | -82+8<br>-60+8 | ,,,           |                |              | 05           |            | <del>`- -</del> | - 34 1      | 10-            | +-     | 5 1  | - 50 -       | 1 - 73     | <del></del> | , o          |
| Wer Bulb         |      |               | 2177          |              | 982          |                | 57.7           |               |                |              | 05           |            |                 |             |                | #      | 4 5  |              | 4          | -           | <u> </u>     |
| Dew Point        |      |               | 16905         |              | 941          |                | 55.3           |               |                |              | 04           |            |                 | <del></del> | 5              | 7      | 3.3  | <del> </del> |            | _           | 9            |

FORM 0.26-5 (OLA) REVISED MEYIOUS EDITION

USAFETAC FORM

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** 2 USAF ETAC AIR 'EATHER SERVICE/'AC 4331 TUKY: IAP JAPAN/HUNSHU 47-60,67,69-72 0600-0800 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin 84/ 83 • 1 82/81 . 4 80/ 79 . 1 23 2.3 4 78/ 77 . 3 76/ 75 35 14 14 • 1 22 74/ 73 11 11 72/ 71 . 1 2.5 25 8 16 70/ 69 2.1 68/ 67 1.2 2.1 . 2 127 127 19 ٠,5 . 2 81 66/ 65 208 32 209 64/ 63 4.7 3.8 . 6 . 1 270 270 138 84 62/ 61 260 260 207 151 • 1 60/ 59 239 240 174 58/ 57 177 276 207 177 219 1.1 207 56/ 55 2.5 99 .6 • 8 • 1 99 159 54/ 53 188 52/ 51 31 115 155 31 99 50/ 49 68 14 14 61 48/ 47 46 46/ 45 20 74 43 . 1 42/ 41 3.7 40/ 39 27 38/ 37 36/ 35 12 34/ 33 32/ 31 t 30/ 29 TOTAL 4.028.131.918.8 9.7 4.4 2.2 1695 1694 1694 1694 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10773400 133150 78.613.481 1694 ± 0 F ± 32 F ≥ 67 F = 73 F ≥ 80 F = 93 F Dry Bulb 6692352 62.5 5.986 1695 18.0 5.5 106022 Wet Bulb 93 5857476 99050 58.5 6.240 1694 6.6 4.5 Dew Point 5305718 93870 55.4 7.841 1694 93 DATA PRICESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

| 43311<br>STATION      | . I.L | Ł.Yı               | IAP          | JAPA  | TATION N     | 14231          | L            |              |         | 47-      | 60.6    | 7,69.   | -72           | YE           | ARS          |         |   |              | MOI         | A  |
|-----------------------|-------|--------------------|--------------|-------|--------------|----------------|--------------|--------------|---------|----------|---------|---------|---------------|--------------|--------------|---------|---|--------------|-------------|----|
|                       |       |                    |              |       |              |                |              |              |         |          |         |         |               |              |              |         | PAGE  | 3 1          | 0900        | L  |
| Temp.                 |       |                    |              |       |              | WET            | BULB '       | EMPER        | ATURE   | DEPRE    | SSION ( | =)      |               |              |              |         | TOTAL   |              | TOTAL       | _  |
| (F)                   | 0     | 1 - 2              | 3 · 4        | 5 - 6 | 7 - 8        | 9 - 10         | 11 - 12      | 13 - 14      | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22 | 23 - 24       | 25 - 26      | 27 - 28 29 - | 30 ≥ 31 | D.B. W.B.                                     | Dry Bulb     | Wet Bulb    | ī  |
| 88/ 87<br>86/ 85      |       |                    |              | - 4   | . 6          | . 2            | ·i           |              |         | ,        |         |         | _             |              |              |         | 4<br>3C                                       | 4<br>20      |             |    |
| 84/ 83                |       | ,                  |              | 1.0   | .6           | • 4            | .1           |              |         |          |         |         |               |              |              |         | 35  | 35           | ,           | Ī  |
| 82/81                 |       | . 1                | ,2           | • 1   | . 1          |                |              | •1           | .1      | .1       |         |         |               |              |              |         | 10  | 10           |             |    |
| 78/ 77<br>76/ 75      | .1    | a_l                | . 1          | . 4   | .5           | .6             | .5           | 2            | . 2     | 1        | • i     | • 1     |               |              |              |         | 16<br>46                                      | 10<br>46     |             | Į- |
| 74/ 73                |       | , 2                | 1.4          | 2.6   | 2.8          | 1.8            | 9            | .6           | 1       | 1        | i       |         |               |              |              | -       | 9A<br>185                                     | 96<br>183    | 9           | 7- |
| 70/ 69<br>68/ 67      | •1    | 1.0                | 2.0          | 3.4   | 3.3          | 2.6            | 5            | 4            | 2       |          |         |         |               |              |              |         | 231<br>279                                    | 231          | 35          | Ļ  |
| 66/ 65                | 1     | 1.5                | 3.0          | 4.0   | 1.5          | 1.3            | 1.1          | 3            | 2       |          |         |         |               |              |              |         | 233   | 233          | 167         | 4_ |
| 64/63                 | 2     | 1.9                | 1.2          | 2.0   | 6            |                | 1.2          |              | •1      |          |         |         |               |              |              |         | 177   | 177<br>115   | 284         | 4  |
| 60/ 59<br>58/ 57      | 2     |                    | .8           | 1.2   | .7           | •              | .2           | • 1          |         |          |         |         |               |              |              |         | 107   | 107          | 267<br>188  | i  |
| 56/ 55<br>54/ 53      |       | 1.5                | . 2          |       |              | . 1            | 1            |              |         |          |         |         |               |              |              |         | 36<br>20                                      | 36<br>20     |             |    |
| 52/ 51<br>50/ 49      |       | . 1                | .4           |       |              |                |              |              |         |          |         |         |               |              |              |         | 9   | 8            |             |    |
| 48/ 47                |       | • 1                |              |       | ļ            |                |              |              |         |          |         |         |               |              |              |         | i   | 1            | 23          |    |
| 46/ 45                | 1     |                    |              |       |              |                |              |              |         |          |         |         |               |              |              |         |   | 2            |             | †  |
| 42/41                 |       |                    |              |       |              |                |              | <del> </del> |         |          |         |         | ·• •          |              |              |         | }   |              | <br>        | T  |
| 38/ 37<br>36/ 35      |       |                    |              |       | <del> </del> | <del>  -</del> |              | <u> </u>     | -       | <u> </u> |         |         |               |              |              |         |   |              |             | +  |
| 34/ 33<br>32/ 31      |       |                    |              |       | _            | -              | -            |              |         |          |         |         |               | <del> </del> |              |         |   |              |             | 1  |
| 30/ 29                |       | <br><del> </del> - |              |       |              | <del> </del>   | <del> </del> |              |         |          |         |         |               | <u> </u>     |              |         |   |              |             | -  |
| 28/ 27<br>26/ 25      |       | ļ                  | ļ            |       |              |                | <u> </u>     |              |         |          |         |         |               |              |              |         | <u>                                      </u> | ,            | ļ           | 1  |
| TOTAL                 | 1.2   |                    | 15.5         | 24.5  | <u> </u>     | 13.3           | 6.0          | 3.4          | 1.5     |          |         | • 1     |               |              |              |         | 1711  | 1711         | 1711        |    |
| Element (X)           |       | Σχ¹                |              |       | Σχ           |                | X            | · · · · ·    |         | No. Ol   | s.      |         |               |              |              |         | h Temperut                                    |              |             | _  |
| Rel. Hum.<br>Dry Bulb |       |                    | 5622         |       | 1201         |                | 70.2         |              |         | 17       |         | ± 0 F   |               | ≤ 32 F       | ≥ 67 F       | ≥ 73 F  | ≥ 80 F  | . 931        | <del></del> | T  |
| Wet Bulb              |       |                    | 8134<br>1807 |       | 1151         |                | 67.3         |              |         | 17       |         |         | -             |              | 51.6         | 13.9    |   | <del>}</del> | _           | _  |
| Dew Point             |       |                    | 9428         |       | 968          |                |              | 7.9          |         | 17       |         |         | $\neg \vdash$ |              | 8.0          | 7 2     |   | 1            |             | _  |

2 DATA PROCESSING BRANCH USAF ETAC AIR EATIER SERVICE/LAC

43311 TULY TAP JAPAN/HUNSHII 47-60:67:69-72

### PSYCHROMETRIC SUMMARY

|                  |            |              |              |                |              |              |                |                |                 |              |               |              |              |   |             |         |  | PAG      |          | 1200<br>HOURS I                                  | ũ  |
|------------------|------------|--------------|--------------|----------------|--------------|--------------|----------------|----------------|-----------------|--------------|---------------|--------------|--------------|---|-------------|---------|--|----------|----------|--|----|
| Temp.            |            |              |              |                |              | WET          | BUL B          | FMPER          | ATURE           | DEPR         | SSION (       | F)           |              |   |             |         |  | TOTAL    |          | TOTAL  | -  |
| (F)              | 0          | 1 - 2        | 3 - 4        | 5 - 6          | 7 - 8        |              |                |                |                 |              |               |              | 23 - 24      | 25 - 26                                 | 27 - 28     | 29 - 30 |  | .B. W.B. | Dry Bulb | Wer Bulb   | Ţ  |
| 90/ 89           |            |              |              |                | <del></del>  | <del></del>  | • 2.           |                |                 | -            | 11            |              |              | 17 17                                   |             |         | -  | 6        | <u></u>  | <del></del>                                      | Ť  |
| 88/ 87           |            |              |              |                | 5            | .6           | 5              | . 1            |                 |              |               |              |              | 1                                       |             |         | } !  | 30       | 30       | <b>\</b>   | ļ  |
| 80/ 85           |            |              |              | /              | .5           | .8           |                |                |                 | <del></del>  | <del> </del>  |              |              |   | <del></del> | _       | 1  | 39       | 39       |  | t  |
| 84/ 83           |            |              | 1            | . 4            |              |              | ر ،            | • •            | 1               |              |               |              |              |   | 1           |         | 1 1  | 12       | 12       | 1  | ١  |
| 82/81            |            | • 1          | .1           | • 1            | .2           | .1           | •1             | .2             | .1              | .1           | .1            | .1           |              |   |             |         | <del>                                     </del> | 17       | 17       | <del></del>                                      | t  |
| 80/ 79           |            | . 1          | • •          | • 1            | 2            | .4           | 3              | 2              |                 | 2            | 2             | • •          | 1            | 1                                       | 1           |         | 1 1  | _ 30     | 30       | 1  | ,  |
| 78/ 77           |            | <br>1        |              |                | 1.1          | .7           | 1.3            | - 4            |                 | .4           | . 2           | • 1          |              |   |             |         |  | 83       | 83       |  |    |
| 76/ 75           |            | • 1          | . 2          | • 1            | 1.6          | 2.4          |                | 8              |                 |              |               | • 1          | Ì            |   |             |         |  | 142      | 142      | 26   |    |
| 74/ 73           |            | • 1          | .9           | 1.8            | 2.6          |              |                |                |                 |              |               |              |              |   |             |         | 1  | 237      | 271      |  |    |
| 72/ 71           |            | - 4          |              | 1.4            | 4.4          | 2.9          |                | . 5            | 4               |              | . 1           |              | İ            |   |             |         | 1 1  | 234      | 235      | 18   |    |
| 70/ 69           |            | . 8          | 1.7          | 3.4            | 3.1          | 3.1          | 1.1            | .7             |                 |              |               |              |              |   |             |         |  | 250      | 250      | ,  | ~~ |
| 68/ 67           | - 1        | . 9          | 2.4          | 2.6            | 2.0          | 1.8          |                | . 5            |                 | 1            | i             | _            |              | 1 1                                     | i           |         | 1  | 202      | 202      | 137  |    |
| 66/ 65           | . 1        | 1.2          | 1.0          | 1.4            | 1.7          | . 5          | .5             | . 4            | . 3             | • 1          |               |              |              |   |             |         |  | 122      | 122      | 198  | ij |
| 64/ 63           | 1          | 1.1          | 1.4          |                | .4           | 5            | 5              | 1              | 1               |              | <u> </u>      | Ĺ            |              | <u> </u>                                | }           |         |  | 90       | 20       |  | ,  |
| 62/ 61           | . 4        | 1.8          | .8           | • 6            | .2           | .5           | .2             | • 1            | . 1             |              |               |              |              | 1                                       |             |         | 1 1  | 81       | 81       | 278  | ,  |
| 60/ 59           | . 3        | 1.5          | 9            | 3              | 1            | 4            |                | 1              |                 | L            |               |              |              | نــــــــــــــــــــــــــــــــــــــ |             |         |  | 64       | 64       | 229  | 4  |
| 58/ 57           | . 1        | 1.1          | . 4          | • 2            | . 2          |              |                |                |                 |              |               | İ            | İ            | 1                                       |             |         | 1 1  | 32       | 32       | 138  | ł  |
| 56/ 55           |            | 1            | a.l.         | _41            | -1           | 1            | L              |                |                 | ļ            | <u> </u>      | ļ            | L            | ļ                                       |             |         | -  | 1.4      | 18       | 92   | 4  |
| 54/ 53           |            | .5           |              | • <            |              |              |                |                |                 |              |               | •            | ]            |   |             |         | 1 1  | 11       | 11       | 63   | ł  |
| 52/ 51           |            | 5            |              | <b> </b>       | <b> </b>     | <u> </u>     |                | <u> </u>       | <u> </u>        |              | <del>  </del> | <u> </u>     | <u> </u>     |   |             |         | -  | ρ        | 8        | 44   | -7 |
| 50/ 49           |            | ŀ            |              |                |              |              |                | ĺ              | 1               | į            |               | [            |              |   | ! !         |         | 1 1  |          |          | 30   | ١Į |
| 48/ 47           |            |              |              |                | <del> </del> |              |                |                | <u> </u>        | ļ            | <del> </del>  | <b> </b>     | <del> </del> | <u> </u>                                |             |         | -  |          |          | 6  | -1 |
| 46/ 45           | . 1        | .1           |              |                |              |              | ļ              |                | ļ               | 1            | 1             |              | ļ            | 1                                       |             |         | 1 1  | 3        | 3        | 4  | ١ŀ |
| 44/ 43           |            |              |              | <del> </del> - | ļ ——         | <del> </del> | <del> </del> - | <del> </del> - | <del> </del> —— | <del> </del> | <del> </del>  | <del> </del> |              | <del> </del>                            |             |         |  |          |          | <del>                                     </del> | 4  |
| 42/ 41           |            | ĺ            | Ì            | Ì              | ì            | ì            | ì              | i              | i               | ì            | ì             | i            | ì            | ì                                       | ii          |         | 1 1  |          | ĺ        | Ì  | Ì  |
| 40/ 39           |            | <del> </del> | <del> </del> | <del> </del>   | <del> </del> | <del> </del> | <del> </del>   | <del> </del>   | <del> </del>    | ├            | <del> </del>  |              | <del> </del> | <del> </del>                            |             |         | +  |          |          | <del> </del>                                     | 4  |
| 38/ 37           |            |              |              | l              |              | 1            | {              |                | ļ               |              |               |              | }            | ļ                                       | ļ ļ         |         | , ,  |          | 1        | Į.   | 1  |
| 36/ 35           |            |              |              |                |              |              |                | <del> </del>   | -               | <del> </del> | <del> </del>  |              | -            | +                                       |             |         |  |          |          | <del> </del> -                                   | +  |
| 34/ 33<br>32/ 31 |            |              | ļ            | l              | ł            |              | 1              |                |                 | 1            |               |              |              |   |             |         |  |          | Į.       | İ  | ١  |
| 30/ 29           |            | <del> </del> | <del> </del> | <del> </del> - | <del> </del> |              |                | ├──            | <del> </del>    | <b> </b>     | ·}            | <del> </del> |              | ┼                                       |             |         |  |          |          | <del> </del>                                     | †  |
| TOTAL            | 1.0        | 11.1         | 11.8         | 14.4           | 18.9         | 18.5         | 12.4           | 5.4            | 1 4 . 1         | 2.2          | . 6           | , ,          |              | 1                                       | i i         |         | 1 1  |          | 1.701    | 1  | ١  |
| TATES.           | للافالمسدا |              | 1.0.0        | A YES          | 7.4.7        | 1200         | 1              | 1-28           |                 |              | 1             |              | <b> </b>     | -                                       |             |         | -!   | 1700     |          | 1700   | ٦  |
|                  |            | <u> </u>     | ļ            | <u></u>        | l            | <u></u>      | <u>L</u>       |                | <u> </u>        | J            |               |              | L            | J                                       | <u> </u>    |         |  |          | l        |  |    |
| Element (X)      |            | Σχ'          |              |                | Σχ           |              | X              | •,             |                 | No. O        |               |              |              |   | Mean N      | o. of   | Hours with                                       | Tempera  | ture     |  |    |
| Ref. Hum.        |            |              | 4523         |                | 1116         |              | 65.7           |                |                 | 17           | 700           | ⊴ 0          | F            | ≤ 32 F                                  | ≥ 67        | F       | ≥ 73 F   | ≥ 80 F   | z 93     | F  |    |
| Dry Bulb         |            |              | 2280         |                | 1192         |              | 70.1           | فعفا           |                 |              | 201           |              |              |   | 69          |         | 32,0   | 6.       |          |  | _  |
| Wet Bulb         |            |              | 5075         |                | 1060         |              | 62.4           |                |                 |              | 700           |              | _!-          |   | 18          |         | 5.2  |          | 5        | _  | _  |
| Dew Point        | 1          | 567          | 5775         | ı              | 912          | 47           | 57.2           | 18.1           | OBL             | 1.7          | 700 l         |              | - 1          | . 3                                     | 9           | - 6     | 3.3  |          | 1        | - 1  |    |

2

DATA PROCESSING MRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

43311 IDLY TAP SAPAR/HINSHU 47-60-67-69-72

PACE 1 1500-1700

| 90   89   89   81   1   1   1   1   1   1   1   1   |             |     |       |  |              |  |        |                 |              |              |         |               |              |               |              |                 |             |                 |              |             | HOURS (  | , ,      |
|---|-------------|-----|-------|--|--------------|--|--------|-----------------|--------------|--------------|---------|---------------|--------------|---------------|--------------|-----------------|-------------|-----------------|--------------|-------------|----------|----------|
| 907 689 88/ 887 88/ 887 88/ 885 81  | Temp.       |     |       |  |              |  |        |                 |              |              |         |               |              |               |              |                 |             |                 | TOTAL        |             | TOTAL    |          |
| 88/ 87  |             | 0   | 1 . 2 | 3 · 4                                  | 5 - 6        | 7 - 8  | 9 - 10 | 11 - 12         | 13 - 14      | 15 - 16      | 17 - 18 | 19 - 20       | 21 - 22      | /3 24         | 25 - 26      | 27 . 26 2       | 9 - 30      | * 31            | V.B. # B.    | Dr. Bulb    | Wet Bulb | Dew Pui  |
| 86 / 85   .1 .1 .2 .5 .6 .2 .1   .1 .1 .1   .1   .1   .1   .1   |             |     |       |  |              |  | . 1    | -               |              |              |         |               |              |               | l            | i               |             |                 |              | ?¦          |          |          |
| 84/ 83  |             |     |       |  | ļl           |  | -1-1   | اکم ا           |              | 1            |         |               |              |               |              |                 |             |                 |              |             |          |          |
| 82/ 81  |             |     |       | . 1                                    |              | . 5  | . 8    | . 2             | - 1          |              |         |               |              |               | l i          |                 |             |                 |              | ,           |          |          |
| 80/ 7z  |             |     |       |  | <b></b>      |  | 1      | 1               |              |              |         | 1             |              |               |              |                 |             |                 |              |             |          |          |
| 78 / 77   |             |     | . 1   | .1                                     | ځ ه          |  |        | • 1             | - 1          | • 1          |         | • 1           |              |               |              |                 |             |                 |              |             | 3        |          |
| 76/ 75  |             |     |       | 1                                      | 1            | 2  | 1      |                 | 2            | +1           | 3       |               |              |               |              |                 |             |                 |              |             |          |          |
| 74/ 73  |             |     |       | İ                                      | ٠,           | - H  | • 4    | • 4             | • 5          | . 2          | • 2     | • 1           |              |               |              |                 |             |                 |              |             |          |          |
| 72/ 71  |             |     |       |  |              | 1.5  | 1.1    | 1.2             | a!i          |              |         | 2             |              |               |              |                 |             |                 |              |             |          | 32       |
| 70/ 69 .3 .9 2.9 2.6 3.4 2.7 .9 .4 .2 .1  |             |     |       |  |              |  | 2.9    | 2.3             | • 9          | • 2          | • 1     |               | İ            |               |              |                 |             | !               |              |             | 8        | 2        |
| 66/ 67  |             |     | -+1   |  |              |  | -4-6   | 2.4             | 4            | <u>,</u>     | 1       | 1             |              |               |              |                 |             |                 |              |             | 12       | 1        |
| 66/ 65  |             | • } | • 9   |  |              |  | 2.7    | • 9             | • 4          | . 2          | • 1     |               | l Ì          |               |              |                 |             |                 |              |             |          | 10       |
| 64/ 63  |             |     | 1     |  |              |  | 1.8    |                 | 6            | 1            |         |               |              |               |              |                 |             |                 |              |             |          | 6        |
| 62/ 61  |             | - 2 |       | 2.4                                    |              | 2.6  | 9      | • 5             | • 4          | , l          | • 1     |               |              |               |              |                 |             |                 |              |             |          |          |
| 50/ 59  |             |     |       |  |              |  |        |                 | - 2          |              |         |               |              |               |              | <del>  </del> - |             |                 |              |             |          |          |
| 58/ 57  |             |     |       | 1 1.1                                  | 1 . '        | . 4  |        | 1 :             |              |              |         |               |              |               |              |                 |             |                 |              | :           |          | 181      |
| 56/ 55  | :           |     |       |  |              | جـــا  |        | \ <del></del> - |              |              |         |               |              |               |              |                 |             |                 |              |             |          | 24       |
| 54/53   |             | • 1 |       | ."                                     | • 4          | [ • i  |        |                 |              |              |         |               | <b>,</b>     |               | [            |                 |             | į 1             |              | 1           |          |          |
| 52/51   |             | 1   | i '   | 1 -                                    | 1            | !  |        | <del> </del>    |              |              |         |               | <del> </del> |               |              |                 |             |                 |              |             |          |          |
| 50/49   | - , (       |     |       |  |              | ļ  |        |                 |              |              |         |               |              |               |              | \ \             |             |                 |              |             |          | . ~      |
| 48/ 47  |             |     |       |  | ļ            | ļ  |        | <del> </del>    |              |              |         |               | , j          |               |              |                 |             |                 |              |             |          | -11<br>7 |
| 46/ 45 .1   |             |     |       | • •                                    | 1            | 1  |        | 1               |              |              |         |               | i i          |               | !            | \ \             |             | \ '             | 4            | 4 4         | 22       |          |
| 44/ 43 42/ 41 40/ 39 38/ 37 26/ 35 34/ 33 30/ 29 IDTAL 1.210.615.61/.620.815.910.0 4.7 2.1 .9 .3  |             |     | •4    | <del> </del>                           | <del> </del> | <del>                                     </del> |        | <del> </del> -  |              |              |         | -             |              |               | <del> </del> |                 |             | <del> </del>    | <del></del>  | <del></del> |          |          |
| 42/ 41<br>40/ 39<br>38/ 37<br>36/ 35<br>34/ 33<br>30/ 29<br>TOTAL 1.210.615.61/.620.815.910.0 4.7 2.1 .9 .3   |             | • 1 |       |  | 1            | 1  |        | ĺ               |              |              |         |               |              |               | i i          |                 |             | 1               | 1            | ,           | , ,      | 3        |
| 40/ 39 38/ 37 36/ 35 34/ 33 30/ 29  IDTAL 1.210.615.61/.620.815.910.0 4.7 2.1 .9 .3   |             |     |       | 1                                      |              | <del></del>                                      |        | 1               |              |              |         |               |              |               | <b></b> -    |                 |             |                 |              | <del></del> |          | 2        |
| 38/ 37 36/ 35 34/ 33 30/ 29 TOTAL 1.210.615.61/.620.815.910.0 4.7 2.1 .9 .5   |             |     | İ     |  | ĺ            |  | 1      |                 |              |              |         |               |              |               |              | i i             |             |                 |              | •           |          |          |
| 36/ 35 34/ 33 30/ 29  TOTAL 1.210.615.61/.620.815.910.0 4.7 2.1 .9 .5   |             |     |       | 1                                      |              |  |        | † <del></del> - |              |              |         |               |              |               |              |                 |             |                 |              | <u> </u>    |          | 1        |
| 34/ 33 30/ 29 TOTAL 1.210.615.01/.620.815.910.0 4.7 2.1 .9 .5 1715 1715 1715 1715 1715 1715 1715 1  |             |     | 1     | ł                                      |              |  |        |                 |              |              |         |               |              |               | ļ            |                 |             |                 |              | İ           |          | 1 .      |
| 30/29   TOTAL   |             |     |       |  | i            | T  |        | 1               | <del> </del> |              |         |               |              |               |              |                 |             | i               |              | 1           |          |          |
| TOTAL 1.210.615.617.620.815.910.0 4.7 2.1 .9 .3   |             |     |       |  | }            | 1  |        |                 |              | ļ            |         |               |              |               |              |                 |             |                 |              | ļ           | j        | j '      |
| Element (X)   |             | 1.2 | 10.6  | 15.6                                   | 1/.6         | 20.8   | 15.9   | 10.0            | 4.7          | 2.1          | . 9     | . 3           |              |               | 1            |                 |             |                 |              | 1715        |          | 171      |
| Element (X)   | .0.72       |     |       |  |              |  |        | 1.00            | 1            |              | ' '     | • •           | j j          |               |              | _               |             |                 | 1714         |             |          |          |
| Rel. Hum.     8305501     116459     67,915,129     1714     ±0F     ±32F     ±67F     ±73F     ±80F     ±93F     Total       Dry Bulb     8379941     119363     69.6     6.497     1715     65.8     ±5.5     6.0       Wer Bulb     6752498     107178     62.5     5.637     1715     16.5     5.2     .2 |             |     |       |  |              | Ţ <b>-</b>                                       | i -    | T               |              |              | [       |               |              |               |              |                 |             |                 |              |             |          |          |
| Rel. Hum.     8305501     116459     67,915,129     1714     ±0F     ±32F     ±67F     ±73F     ±80F     ±93F     Total       Dry Bulb     8379941     119363     69.6     6.497     1715     65.8     ±5.5     6.0       Wer Bulb     6752498     107178     62.5     5.637     1715     16.5     5.2     .2 | Element (X) |     | Σx²   | ــــــــــــــــــــــــــــــــــــــ | <del> </del> | Σχ   | ╙┯     | ₹               | 7.           | <del>!</del> | No. CI  | <u>.</u>      | <u> </u>     |               | L            | Meon N          | of H        | outs with       | Tempera      | ture        | <u></u>  | <u> </u> |
| Dry Bulb         8379941         119363         69.6         6.497         1715         65.8         25.5         6.0           Wer Bulb         6752498         107178         62.5         5.637         1715         16.5         5.2         .2   |             |     |       | 15501                                  | ·            |  | 58     |                 | <del></del>  |              |         | <del></del> i | 101          | F             | ± 32 F       |                 | <del></del> |                 |              |             | F        | Total    |
| Wet Bulb 6752498 107178 62.3 5.637 1715 16.5 5.2 .2   | Dry Bulb    |     |       |  |              |  |        |                 |              |              |         |               |              | $\neg \vdash$ |              |                 |             |                 | <del> </del> |             |          | _ 9      |
|   |             |     |       |  |              |  |        |                 |              |              |         |               |              | $\neg \vdash$ |              |                 |             |                 | 1            | 3           |          | - ç      |
|   | Don Point   |     |       |  |              |  |        |                 |              |              |         |               |              | _             | , 1          |                 |             | _ <del></del> _ | 1            | 1           |          | 9        |
|   |             |     |       |  |              |  |        |                 |              |              |         | _             |              |               |              |                 |             |                 |              |             |          |          |

USAFETAC 1024 0.26-5 (OLA)

2

DATA PROCESSING BRANCH USAF ETAC AIR EATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

43311 TO Y TAP JAPAN/HINSHU

47-60,67,69-72

MAY

PARE 1 1800-2000 HOURS (L. S. T.)

|             |      |          |          |          |              |          |              |         |          |         |         |          |         |          |                |          |         | 1 1        |          |          | (. S. ) )   |
|-------------|------|----------|----------|----------|--------------|----------|--------------|---------|----------|---------|---------|----------|---------|----------|----------------|----------|---------|------------|----------|----------|-------------|
| Temp        |      | ·        |          | ,        |              |          | BULB         |         |          |         |         |          |         |          |                | т.       |         | TOTAL      |          | TOTAL.   | T           |
| (F)         | 0    | 1 . 2    | 3 - 4    | 5 - 6    | 7 - 8        | 9 - 10   | 11 - 12      | 13 - 14 | 15 - 16  | 17 - 18 | 19 - 20 | 21 - 22  | 23 - 24 | 25 - 26  | 27 - 21        | 3 29 -   | 30 ≥ 31 | D.B. W.B.  | Dry Bulb | Wet Bulb | Dew Poir    |
| 86/ 85      |      |          |          | • 1      | - 3          | -1       |              |         |          |         |         |          |         |          |                | 1        |         | 9          | 9        |          | ļ           |
| 84/ 83      |      |          | <u> </u> | 3        | ر            | 2        |              |         |          |         |         |          |         |          |                | <u> </u> |         | 15         | 18       |          | ļ           |
| 82/ 81      |      | . 1      | .6       | . 6      | .1           | .i       |              |         |          |         |         |          |         |          |                | 1        | l       | 26         | 26       |          | ŀ           |
| 80/ 79      | 1    | 3        |          |          | 4            |          | <u> </u>     |         | i        |         |         |          |         |          |                |          |         | 28         | 29       | 7        | 1           |
| 78/ 77      |      | . 1      | ٤. ا     | • 2      | - 3          |          |              |         |          |         |         |          |         | j        |                | 1        | -       | 12         | 12       | 28       | 11          |
| 76/ 75      |      |          | <u> </u> | 1        | 2            | 2        | 1            | 1       |          |         |         |          |         |          |                |          |         | 10         | 10       |          |             |
| 74/ 73      |      |          | .4       | . 2      | .6           | .3       | .2           | • 2     |          |         |         |          |         |          |                | 1        |         | 35         | 35       | 12       | 27          |
| 72/ 71      |      | _ 2      | 1.2      | اعمدا    |              | 1.2      | 8            |         | 1        |         |         |          |         |          |                |          |         | 122        | 122      | 7        | - 9         |
| 70/ 69      | .1   | . 8      | 3.1      | 4.8      | 3.2          | 1.3      | .7           | • 2     |          | . 1     |         |          |         |          |                |          |         | 244        | 244      | 22       | 16          |
| 68/ 67      | 2    | 2.3      |          |          |              | 1.2      |              |         |          | 1       |         |          |         |          |                |          |         | 310        | 310      | 67       | 28          |
| 66/ 65      | . 2  | 3.1      | 5.5      | 4.1      | 2.0          | .5       | .6           | • 2     | i        |         |         |          |         |          |                |          |         | 280        | 280      | 178      |             |
| 64/ 63      | 5    | 2.9      |          | 4.7      | 1.3          | g        |              | 1       | _1       |         |         |          |         | L        | <u>L</u> _     |          |         | 253        | 253      |          |             |
| 62/ 61      | . 4; | 2.2      | 2.4      | 1.9      | 1.0          | .7       | .3           | • 1     |          |         |         |          |         |          |                |          |         | 154        | 154      | 318      |             |
| 60/ 59      | 6    |          | 1.5      | 1.0      | . 4          | . 5      |              |         |          |         |         |          |         | <u> </u> |                |          |         | 98         | 9.8      |          |             |
| 58/ 57      | . 5  |          |          |          |              |          | 1            |         |          |         |         |          |         |          |                |          |         | 46         | 46       | 204      | 230         |
| 56/ 55      | 1    | 1.0      | 1        | 2.5      |              | أم_ا     |              |         |          |         |         |          |         | L        |                |          |         | 37         | 3.1      | i        |             |
| 54/ 53      |      | . 5      | .2       | • ;      |              |          |              |         |          |         |         |          |         | Ĭ        |                | ĺ        |         | 14         | 14       | 6.5      | 154         |
| 52/ 51      |      | 3        | . 4      |          |              |          | <u> </u>     |         |          |         |         |          |         |          | <u> </u>       | 1        |         | 14         | 14       | 52       | 82          |
| 50/ 49      |      | .2       |          |          |              |          |              |         |          |         |         |          |         |          |                |          |         | 3          | 3        | 42       | 71          |
| 48/ 47      |      | 1 2      | r        |          | L            |          |              |         |          |         |         |          |         |          |                |          | l       | 1 3        | 3        | 13       | 41          |
| 46/ 45      |      | i        |          |          |              |          |              |         |          |         |         |          |         |          |                |          |         |            |          | 5        | 63          |
| 44/ 43      |      |          | l        |          |              |          | 1            |         |          |         |         |          |         | <u> </u> |                |          |         | <u> </u>   |          | <u> </u> | 24          |
| 42/ 41      |      |          |          |          |              |          |              |         |          | 1       |         |          |         |          |                |          |         |            |          | l        | 27          |
| 40/ 39      |      |          | L        | <u> </u> |              |          | L            |         | <u> </u> |         |         | <u> </u> |         | <u> </u> |                |          |         | <u> </u>   |          |          | 1.0         |
| 38/ 37      |      |          |          |          |              |          |              |         |          |         |         | 1        |         |          |                | 1        |         |            |          | l        | 1 7         |
| 36/ 35      |      | l        | İ        |          |              |          |              |         |          |         | L       | <u> </u> |         | l        |                | _i       |         | <u> </u>   |          |          |             |
| 34/ 33      |      | Ĭ        | I        |          |              |          |              |         |          |         |         |          |         |          | -              | 1        |         |            |          |          | ] ?         |
| 32/ 31      |      |          |          |          |              | ·        | <u> </u>     |         |          |         |         |          |         |          |                |          |         | <u> </u>   |          |          | <u> </u>    |
| 30/ 29      |      |          |          |          |              | 1        | i            |         |          |         |         |          |         |          |                |          |         |            |          |          | 1           |
| TOTEL       | 2.7  | 16.7     | 20.1     | 20.2     | 15.3         | 7.3      | 9.1          | 1.2     | . 2      | . 2     |         |          |         | l        |                |          |         |            | 1117     | 1        | 1710        |
|             |      | <u> </u> | i        | 1        |              | Ī        | Ī            |         | Ĭ        |         |         | I        | ļ       | 1        |                |          |         | 1716       |          | 1716     |             |
|             |      | <u> </u> | -        | <u> </u> | <del> </del> | <u> </u> | -            |         | ļ        |         |         | <u> </u> |         |          | <del> </del> - | -        | -       | -          |          | -        | <u> </u>    |
|             |      | <u> </u> |          |          | <u> </u>     | <u> </u> | <u> </u>     |         |          |         |         |          |         |          | <u> </u>       | <u></u>  |         | <u> </u>   |          |          |             |
| Element (X) |      | Σχ²      |          | ·        | Σχ           |          | <u>X</u>     | · *x    |          | No. Ol  |         |          |         | - 00 #   | ·              |          |         | th Tempera |          |          | <del></del> |
| Rel Hum     |      |          | 4562     | +        | 1286         |          | 75.0         |         |          |         | 16      | ≤ 0      | F       | ≤ 32 F   | +              | 7 F      | ≥ 73 F  | ≥ 80 F     | 2 93     | -        | Total       |
| Dr, Bulb    |      |          | 6044     |          | 1137         |          | 66.3         |         |          |         | 17      |          |         |          | _              | 4.1      | 7.      |            |          |          | 9           |
| Wet Bulb    |      |          | 8146     | <b> </b> | 1049         |          | <u> 51-1</u> |         |          | 17      |         |          |         |          |                | 9.8      | 4.5     |            | 1        |          | 9           |
| Dew Point   |      | L 7 0    | 9201     | I        | 9119         | 161      | 57.6         | 7.1     | . 11     | _ 17    | 1. 1    |          |         |          |                | 6.6      | 3.      | 11         | 1        | 1        | 77          |

FORM 0-25-5 (OLA) REVISED PREVIOU

SAFETAC FORM D

1. .

| DATA  | PROCESS | ING KRANCH  |
|-------|---------|-------------|
| USAF  | ETAC,   |             |
| AIR . | FATHER  | SERVICE/MAC |

# PSYCHROMETRIC SUMMARY

43311 TURY: IAP JAPAN/HINSHID PALT 1 -2100-2300 HOURS (L. S. T.)

|             |     |                |                |              |                 |                |              |         |  |  | -            |              |  |                |              |          |                |              |              |                 | L. S. T.)    |
|-------------|-----|----------------|----------------|--------------|-----------------|----------------|--------------|---------|--|--|--------------|--------------|--|----------------|--------------|----------|----------------|--------------|--------------|-----------------|--------------|
| Temp        |     |                |                | ,            |                 |                | BULB T       |         |  |  |              |              |  |                |              |          |                | TOTAL        |              | TOTAL           | ·            |
| (F)         | 0   | 1 - 2          | 3 - 4          | 5 - 6        | 7 - 8           | 9 - 10         | 11 - 12      | 13 - 14 | 15 - 16  | 17 - 18  | 19 - 20      | 21 - 22      | 23 - 24  | 25 - 26        | 27 - 28      | 29 - 30  | ≥ 31           | D.B. W.J.    | Dry Bulb     | Wet Bulb        | Dew Por      |
| 82/81       |     |                | . 2            | • 2          | - 1             |                |              |         |  |  |              |              |  |                | ļ            |          |                | 7            | 7            | i               |              |
| 80/ 79      |     | 6              | Lab            |              | 1               |                |              |         |  |  |              |              |  |                |              |          |                | - 51         | 51           | <u> </u>        |              |
| 78/ 77      |     | . 3            | . 8            | • 3          |                 |                |              |         |  |  |              |              |  |                |              |          |                | 24           | 24           | 22              | ,            |
| 76/ 75      |     | 3              | 2              |              |                 |                |              |         |  |  |              |              |  |                | [            |          |                | 11           |              | 30              |              |
| 74/ 73      | ,   | ĺ              | . 1            | ì            | - 1             |                | ÌÌ           |         |  |  |              |              |  | ) ]            |              |          | 1 1            | 3            | 3            | 21              | 30           |
| 72/ 71      | 1   |                | 5              |              | 3               |                | 1            |         |  |  |              |              |  |                |              |          |                | 29           | 29           | 13              |              |
| 70/ 69      | . 1 | • 9            | 2.0            | 1.6          | .9              | . 5            | • 2          | • 2     |  |  | i            |              |  |                | l            |          |                | 113          | 113          | 9               | 1            |
| 68/ 67      | 1   | 3.0            |                | ,,           | 201             | 8              | 3            | 1       | 1  |  |              |              |  |                |              |          |                | 27.0         | 278          |                 |              |
| 66/ 65      | . 2 | 4.2            | 7.3            | 4.6          | 1.6             | . 5            | .4           |         |  |  | ĺ            |              |  | i i            |              |          |                | 321          | 321          |                 |              |
| 64/ 63      | 5   | 3.4            | 0.8            | 3.0          | 1.1             | 5              | 3            |         |  |  |              |              | ļ  |                |              |          |                | 284          | 285          | 230             | 14           |
| 62/ 61      | . 4 | 5.3            | 4.2            | 2.3          | . 9             | . 2            | . 2          | • 1     |  |  |              |              |  |                | l            |          | ĺ              | 232          | 233          | 287             | 21           |
| 60/ 59      | 13  | 3.1            | 3.4            | 2.1          | 1.0             | 3              | 3            | 1       |  |  | <u> </u>     |              |  |                |              |          |                | 192          | 705          | 345             | _24          |
| 58/ 57      | .6  |                |                | . 5          | . 5             | -1             | • 1          |         |  |  |              |              |  |                |              |          |                | 73           | 73           |                 |              |
| 56/ 55      | 2   | 1.2            | 2              | - 0          | 4               | 1              |              |         |  |  | <b> </b>     |              | <u> </u>   |                |              |          | <u> </u>       | 48           | 48           | 138             |              |
| 54/ 53      | • 1 | . 3            |                |              | - i             |                | • 1          |         |  |  | ŀ            |              | ľ  | l              |              |          | i              | 30           | 30           | 34              |              |
| 52/ 51      |     | 3              | 2              | -1           | 1               |                |              |         |  |  | <u> </u>     | <u> </u>     |  |                |              |          | ļ              | 1            | 13           | ,               |              |
| 50/ 49      | . î | . 2            | . 2            |              |                 |                |              |         |  |  | İ            |              |  | 1              |              |          |                | 8            | 8            |                 | 1            |
| 48/ 47      |     | 2              | 1              | <u> </u>     | ļ               |                | ļ            |         |  |  |              |              | ļ  | <u> </u>       |              |          |                | 6            | 6            | 28              |              |
| 46/ 45      |     |                |                | l            | 1               |                | ]            |         |  |  |              |              |  |                |              |          |                |              |              | 9               | 4            |
| 44/ 43      |     | <u> </u>       | ļ              | ļ            |                 |                |              |         | ļ  |  |              |              | <u> </u>   |                |              |          | ļ              | ļ            |              | <del> 1</del>   | 2            |
| 42/ 41      |     | i              |                |              |                 |                |              |         |  |  | İ            |              |  | İ              |              |          | l .            |              |              | 2               | 2 1          |
| 40/ 39      |     | <u></u>        | <del> </del> - | ļ            |                 |                | ļ            |         | ļ  |  |              |              | <del> </del>                                     | ļ              |              |          |                |              |              | <del> </del>    | 11           |
| 38/ 37      |     | ļ              |                | ļ            |                 | Ì              |              |         |  |  |              |              |  |                |              |          |                |              |              | l               | 1            |
| 36/ 35      |     | <b> </b>       |                |              |                 | <del> </del> - |              |         | ļ  |  | <del> </del> |              |  | <del></del>    |              |          | <del> </del>   |              |              | <del> </del>    | ┼            |
| 34/ 33      |     | ļ              | Į              | 1            | Į               | l              |              |         | l  |  | Į.           |              | ļ  | ļ              |              |          |                |              |              | 1               |              |
| 32/ 31      |     | <del> </del>   | <del> </del>   | <del> </del> |                 |                | <del> </del> |         | ļ  | <u> </u>   | <del> </del> | ├            | ├  | <del> </del>   |              |          | <del> </del>   | ├            |              | <del>├─</del> ─ | ┼            |
| 30/ 29      |     | ł              | Į .            | Į.           | ļ               | l              |              |         |  |  | l            | l            | l  | l              | Į            |          | Į              | į .          | l            |                 | 1            |
| 26/ 25      |     |                | <del> </del>   | <del> </del> | <u> </u>        |                | <del> </del> |         | <del> </del>                                     |  | <u> </u>     | <del> </del> | <del> </del> -                                   | <del> </del> - |              |          | <del> </del> - | <del> </del> | ļ            | .               | <del>-</del> |
| UTAL        | 3.1 | 25.1           | 35.6           | 21.6         | 3.1             | 3.1            | 2.0          | .3      | .1   |  | ļ            | ļ            | ł  | į              |              |          |                |              | 1725         |                 | 172          |
|             |     | ├              | <del> </del>   | <del> </del> | <del>├</del> ── | <del> </del>   | <del> </del> | ļ       | <del> </del> -                                   |  | <del> </del> |              | <del>                                     </del> | <del> </del> - |              |          | <del> </del> - | 1723         | <del> </del> | 1723            | ¥            |
|             |     |                |                | }            | 1               |                |              | 1       | }  | Ì  |              |              | 1  |                | [            |          | ļ              | J            | (            | 1               | 1            |
|             |     | <del> </del> - | ├              |              | <del> </del>    | <del> </del>   | <del> </del> |         |  | <del>                                     </del> | ├──          | ├            | <del> </del>                                     | <del> </del>   | <del> </del> |          | <del> </del>   | ı ——         | $\vdash$     | +               | ┼──          |
|             |     |                |                |              |                 |                |              |         | İ  |  |              |              |  |                |              |          |                |              |              |                 |              |
| Elerent (X) |     | Z x 2          |                |              | Σχ              | <del>'</del>   | L X          | ·,      | <del>'                                    </del> | No. OI   | 55.          |              | ــــــــــــــــــــــــــــــــــــــ           | ь              | Mean I       | lo. of H | ours wit       | h Tempera    | ture         |                 |              |
| ke 1um      |     |                | 3370           | -            | 1366            | 0.4            | 79.3         |         |  |  | 23           | ≤ 0          | F  | ≤ 32 F         | ≥ 67         |          | 73 F           | ≥ 80 F       | 2 93         | F               | Total        |
| Dry Bulb    |     |                | 5300           |              | 1109            |                | 64.3         |         |  |  | 25           |              | $\neg \vdash$                                    |                | 27           |          | 5. 2           | 1.           |              |                 |              |
| Wet Bulb    |     |                | B051           |              | 1028            |                | 60.3         |         |  |  | 23           |              |  |                |              | 3        | 4.4            |              |              |                 | - 1          |
| Dew Point   |     |                | 2695           |              | 989             |                | 57.5         | ,       |  |  | 22           |              | 1  | 9              | 6            | 5        | 3.7            | 1            | Τ            | 1               |              |

2

| DATA | PROCESS | OME  | BRANCH   |
|------|---------|------|----------|
| USAF | ETAC    |      |          |
| AIR  | -EAT-ER | SELL | /ICF/MAC |

# PSYCHROMETRIC SUMMARY

| 3311        | _ 11 | 12.Y  | IAF   | APA<br>si | TATION N |        | L    |        |        | <u></u> | <u>60,6</u> | · <b>y</b> (4 ) | -17     | YE      | ARS     |         |             |                    |          | MO    | N-11 |
|-------------|------|-------|-------|-----------|----------|--------|------|--------|--------|---------|-------------|-----------------|---------|---------|---------|---------|-------------|--------------------|----------|-------|------|
|             |      |       |       |           |          |        |      |        |        |         |             |                 |         |         |         |         |             | PAG                | 1, 1     | OOOO  |      |
|             |      |       |       |           |          |        |      |        |        |         |             |                 |         |         |         |         |             |                    |          |       |      |
| Temp        |      |       |       |           |          | WET    | BULB | TEMPER | RATURE | DEPRE   | SSION (     | F)              |         |         |         |         |             | TOTAL              |          | TOTAL |      |
| Temp<br>(F) | 0    | 1 . 2 | 3 - 4 | 5 - 6     | 7 - 8    | 9 - 10 | ,    | ·      | ,      |         |             | , <del></del>   | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | <b>≥</b> 31 | TOTAL<br>D.B. W.B. | Dry Bull |       |      |
|             | 0    | 1 - 2 | 3 - 4 | 5 - 6     | 7 - 8    | 9 - 10 | ,    | ·      | ,      |         |             | , <del></del>   | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | <b>≥ 31</b> |                    | Dry Bull |       |      |

| Temp             |     |       |          | ,            |                |              |              |                |              | DEPRE  |         |  | ,  |                |         |         | ,  | TOTAL        | ļ              | TOTAL     |          |
|------------------|-----|-------|----------|--------------|----------------|--------------|--------------|----------------|--------------|--|---------|--|--|----------------|---------|---------|--|--------------|----------------|-----------|----------|
| (F)              | 0   | 1 - 2 | 3 - 4    | ÷            | <del></del>    | 9 - 10       | 11 - 12      | 13 - 14        | 15 - 16      | 17 - 18  | 19 - 20 | 21 - 22  | 23 - 24  | 25 - 26        | 27 - 28 | 29 - 30 | ≥ 31   | D.B. W.B.    | Dry Bulb       | Wet Bulb  | Dew      |
| 80/ 79           |     |       |          | • 1          |                |              |              |                |              |  |         |  |  |                |         |         |  | 1            | 1              |           |          |
| 78/ 77           |     |       | 4        | - 4          |                | ——           | <del> </del> |                |              | <del> </del>                                     |         | <del> </del>                                     |  |                |         |         | <del> </del>                                     | 13           |                |           |          |
| 76/ 75           | .!  |       | 1.6      |              |                |              |              |                |              |  |         |  |  |                |         |         |  | 46           |                |           |          |
| 74/ 73           |     |       |          | 4            |                | <del></del>  |              | <del> </del> - | <del> </del> |  |         | <del>                                     </del> | <del> </del>                                     |                |         |         | <del> </del>                                     | 73           |                | 37        |          |
| 72/ 71<br>70/ 69 | .?  | 6.6   | 4.P      | 1.0          |                |              | .2           | ١,             |              |  |         |  | 1  |                |         |         |  | 263          |                | 75<br>136 |          |
| 68/ 67           | 8   | 7.5   | 7 1      | 2.           | . 8            |              |              |                |              |  |         | <del> </del>                                     |  | <del> </del> - |         |         | <del>                                     </del> | 304          |                | 224       |          |
| 66/ 65           | 1.6 | 9.1   | 5.6      | 1.7          |                |              | 1            |                |              |  |         |  |  |                | ]       |         |  | 287          |                |           |          |
| 64/ 63           | .7  | 4.9   | 3.8      | 1.1          |                | .4           |              | i              |              |  |         | T  |  |                |         |         |  | 175          |                |           |          |
| 62/ 61           | . 6 |       |          | - 4          |                | '            |              |                |              | !  |         |  | 1  |                |         |         |  | 132          |                | 225       |          |
| 60/ 59           | . 6 |       |          |              |                | .1           |              |                |              |  |         |  |  | 1              |         |         | 1  | 71           |                | 150       | ·        |
| 58/ 57           | . 1 | , ()  |          | 1            |                | 1            |              | ]              | i            |  |         |  |  | <u> </u>       |         |         |  | 28           |                | 8.8       |          |
| 56/ 55           |     | . 6   | • 4      |              |                |              |              |                |              |  |         |  |  |                |         |         |  | 12           | 12             | 31        |          |
| 54/ 53           | -1  | 2     |          | ļ            | ļ              |              |              |                |              |  |         |  |  |                |         |         | ļ  | 5            | 5              | 30        |          |
| 52/ 51           |     |       |          |              |                | İ            |              | Ì              |              |  |         |  |  |                |         |         |  |              |                | 5         | 1        |
| 50/ 49           |     |       | ļ        |              |                |              |              |                | ļ            |  |         | <u> </u>   | <u> </u>   | <u> </u>       |         |         | <u> </u>   | ļ            |                | 2         | <u> </u> |
| 48/ 47           |     |       |          | ļ            |                |              |              |                |              |  |         | 1  |  | 1              |         |         | 1  |              |                | 1         |          |
| 46/ 45           |     |       | ļ        | <del> </del> | ļ              | <u> </u>     | ļ            |                |              |  |         | <u> </u>   | <u> </u>   |                |         |         |  |              |                |           |          |
| 44/ 43           |     |       |          | -            |                |              |              |                |              | į  |         |  |  |                |         |         |  |              |                |           |          |
| 42/ 41           |     |       | -        | -            | <del> </del> - | <del> </del> |              |                |              |  |         | <del> </del>                                     | <del> </del>                                     | <del> </del>   |         |         |  |              | <del> </del> - |           |          |
| 40/ 39           |     |       |          | 0.5          | ر ا            | ١            | l .          | ١.             |              |  |         | 1  | 1  |                |         |         |  | i            |                |           | ١.       |
| DTAL             | 2.0 | 42.0  | 28.6     | 1 403        | -604           |              | b            |                |              |  |         | <del> </del>                                     |  | $\vdash$       |         |         | <del> </del>                                     | 1616         | 1616           | 1616      | H        |
|                  |     |       |          | İ            |                |              | ŀ            | i<br>I         |              |  |         |  |  |                |         |         |  | 1616         |                | 1010      | 1        |
|                  |     |       | 1        | 1            |                | 1            |              | 1              |              | <del>                                     </del> |         |  | <del>                                     </del> | <u> </u>       |         |         | <b></b> -  | <u> </u>     |                |           | T        |
|                  |     |       |          |              | •              |              |              |                |              |  | ļ       |  | İ  | ļ              |         |         |  |              |                |           |          |
|                  |     |       |          |              |                |              |              | i -            | 1            | i  |         | 1  |  |                |         |         | 1  | i            |                |           |          |
|                  |     |       | <u> </u> | <u> </u>     |                |              |              | L              | <u> </u>     |  |         |  |  |                |         |         | <u>.</u>   |              |                |           |          |
|                  |     |       |          |              |                |              |              |                |              |  |         |  |  |                |         |         |  |              |                |           |          |
|                  |     |       | ļ        |              |                | <u> </u>     |              | <u> </u>       | <u> </u>     |  |         |  | <u> </u>   |                |         |         | <u> </u>   |              |                |           | <u> </u> |
|                  |     |       |          |              | i              |              | l            |                |              |  | i       |  |  | İ              |         |         | 1  | 1            | 1              |           |          |
|                  |     |       |          | -            | <del> </del>   | <del> </del> | <del> </del> | <del> </del>   | <del> </del> |  |         |  | <del> </del>                                     | ├              |         |         | ┼  | <del> </del> |                |           | ┼        |
|                  |     |       |          |              |                |              |              |                |              |  |         |  |  |                |         |         |  |              |                |           |          |
| Element (X)      |     | Σχ²   |          |              | Σχ             |              | <u> </u>     | •,             |              | No. O  |         |  |  | *              | Mean N  | o. of H | ours wit   | h Tempero    | tute           |           |          |
| Rel. Hum.        |     |       | 0724     |              | 1387           |              | 85.8         | 8.6            | 95           |  | 16      | ± 0  | F  | ≤ 32 F         | r 67    |         | ₹ 73 F   | ≥ 80 F       | ≥ 93           | F _       | Tota     |
| Dry Bulk         |     |       | 3974     |              | 1083           |              | 67.0         | 4.2            | 39           |  | 16      |  |  |                | 50      |         | 7.4  |              |                |           |          |
| W Bulb           |     |       | 7409     |              | 1038           |              | 64.2         | 4.3            | 05           |  | 16      |  |  |                | 26      |         | 2,1  |              |                |           |          |
| Dew Point        |     | 636   | 0907     | <u>'</u>     | 1010           | 65           | 62.5         | 4.9            | 94           | 16   | 16      |  |  |                | 18      | -2      | . 4  |              |                |           |          |

DATA PROCESSING RRANCH USAF ETAC AIR WEATHER SERVICE/MAC

43311 THRYC TAP JAPAN/HINSHII

## PSYCHROMETRIC SUMMARY!

| Temp             |     | <del></del> |      |  |                     | WE.    | C DILL O         | TEMPER        | . 71105 | DEDDE         | CCION /    | E\  |          |  |               |          |              | TOTAL            |                     | O 3 O C<br>HOURS ( |              |
|------------------|-----|-------------|------|--|---------------------|--------|------------------|---------------|---------|---------------|------------|-----|----------|--|---------------|----------|--------------|------------------|---------------------|--------------------|--------------|
| (F)              | 0   | 1 - 2       | 3 4  | 5 - 6  | 7 - 8               |        |                  | 13 - 14       |         |               |            |     | 23 - 24  | 25 . 26  | 27 . 28       | 29 . 30  | > 31         | D.B. W.B.        | Dry Bulb            |                    | Dew Po       |
| 78/ 77           |     |             |      | 1  | - 1                 |        | 1                | 13 14         |         | 1             |            |     |          |  | 17 120        |          | 1            |                  | 0                   |                    |              |
| 76/ 75           |     | , pi        | , s  |  | - 4                 |        | 1                | i             |         |               |            |     |          | l  |               |          |              | 27               | 77                  |                    | -            |
| 74/ 73           |     | 2.1         | 1.5  | . 6  | . 1                 |        | 1 . 1            |               |         |               |            |     |          |  |               |          |              | 7^               | 70                  | 24                 |              |
| 72/ 71           | 3   | 3.3         | 3.8  | 5  | - 1                 |        |                  | <u>i</u> _    |         |               |            |     |          |  |               |          |              | 128              | 12 <del>6</del>     | 75                 | :            |
| 70/ 69           | . 9 | 6.2         | 4.1  | .7   | - 4                 |        | Ļį               |               |         |               |            |     |          |  |               |          |              | 207              | 207                 | 107                |              |
| 68/ 67           | 9   | 9.4         | 6.1  | 1.1  | ىد                  |        | 1 -1             |               |         | <u> </u>      |            |     |          |  |               |          |              | 294              | _294                | 193                | ı:           |
| 66/ 65           | 1.4 | 10.6        |      | 1.2  | - 1                 | •      | 2 .3             |               |         | i I           |            |     |          |  | ł i           |          |              | 310              | 310                 |                    |              |
| 64/ 63           | 1.4 | 7.8         | 4.2  | • 7  |                     |        | 4                |               |         | <del>  </del> |            |     |          | ļ  |               |          | <del> </del> | 227              | 227                 | 297                |              |
| 62/61            | 1.2 | 5.7         | 3.6  | • ć  | . 3                 | • •    | 2                |               |         | [ ]           |            | - 1 |          |  |               |          | 1            | 170              | 170                 |                    |              |
| 60/ 59           |     |             | 1.6  | 3  |                     | -      | <b>-</b>         | <del>  </del> |         |               |            |     |          | <u> </u>   | li            |          | <del> </del> | 87               | 87                  | 194                | -19          |
| 58/ 57<br>56/ 55 | • 1 | 1.4         | . 8  | • 4  | + l                 |        |                  |               |         |               | İ          |     |          |  |               |          | 1            | 47               | 43                  | 93                 | 1            |
| 54/ 53           | • 3 | . 3         |      |  |                     |        | <del> </del>     |               |         |               |            |     |          | <del>                                     </del> |               |          | 1            | 10               | <del>18</del><br>10 |                    | ì            |
| 52/ 51           | • 5 | دد ه        | • 1  |  |                     |        | ļ                |               |         |               |            |     |          |  |               |          | 1            | 1 19             | 1 (                 | 17                 |              |
| 50/ 49           |     |             |      |  |                     |        |                  |               |         | 1             |            |     |          |  |               |          |              |                  |                     | 7                  | <u> </u>     |
| 48/ 47           |     |             |      |  |                     |        |                  |               |         |               |            |     |          |  |               |          |              |                  |                     | 1                  |              |
| 46/ 45           |     |             |      |  |                     |        |                  |               |         |               |            |     |          |  |               |          |              |                  |                     |                    |              |
| 44/43            |     | ~           |      |  |                     |        | ↓                |               |         |               |            |     |          | <u> </u>   |               |          | <u> </u>     | <u> </u>         |                     | ļ                  | L            |
| 42/ 41           |     |             |      |  |                     |        | 1                |               |         | l i           |            |     |          | i  |               |          |              |                  |                     |                    |              |
| UIAL             | 6.6 | 50.A        | 33.2 | عمد  | 4.4                 |        | 3 5              |               |         |               |            |     |          | <u> </u>   |               |          | <del> </del> | <del> </del>     | 1500                | <b> </b>           | 16           |
|                  |     |             |      |  |                     |        | 1                |               |         |               |            |     |          | 1  |               |          |              | 1500             |                     | 1600               |              |
|                  |     |             |      |  |                     |        | <del> </del>     | -             |         |               |            |     |          |  |               |          | <del> </del> | -                |                     | <del></del>        |              |
|                  |     |             |      |  |                     |        |                  |               |         | i             |            |     |          | i  |               |          | ĺ            |                  |                     |                    | 1            |
|                  |     |             |      |  |                     |        | +                |               |         | 1             |            |     |          |  | <del>  </del> |          | <del> </del> | <del>  </del>    |                     | <del> </del>       | -            |
|                  |     |             |      |  |                     |        | İ                |               |         |               |            |     |          |  | ]             |          | ļ            |                  |                     |                    |              |
|                  |     |             |      | i  |                     |        | 1                | 1             |         |               |            |     |          |  |               |          | <b> </b>     |                  |                     |                    | † <u> </u>   |
|                  |     |             |      |  |                     |        | 1                |               |         |               |            |     |          |  |               |          |              |                  |                     |                    | <u> </u>     |
|                  |     |             |      |  |                     |        |                  |               |         |               |            |     |          |  |               |          |              |                  |                     |                    |              |
|                  |     |             |      | ļ  |                     |        | <del> </del>     |               |         |               |            |     |          | <u> </u>   |               |          | <b> </b>     |                  |                     |                    | <u> </u>     |
|                  |     |             |      |  |                     |        |                  |               |         |               |            |     |          |  |               |          |              | ĺĺ               |                     | 1                  |              |
|                  |     |             |      |  |                     |        |                  |               |         |               |            |     |          | <u> </u>   |               |          | ļ            | . <del> </del> - |                     | ļ                  | <del> </del> |
|                  |     |             |      |  |                     |        | 1                | 1             |         |               |            |     |          |  | ]             |          | 1            | ] !              |                     |                    | 1            |
| lement (X)       |     | Σχ'         | L    | <del>                                     </del> | z x                 | $\neg$ | - <del>  X</del> |               | _       | No. Ob        | <u>. 1</u> |     |          | <u> </u>   | Meac A        | la. of H | lours with   | h Temperat       |                     | 1                  | Ц            |
| Rel. Hum         |     |             | 9283 | <del></del> -                                    | 1392                | 4.3    |                  | 8.6           | 4.8     | 16            |            | 101 | : :      | ≤ 32 F   | ≥ 67          |          | 73 F         | ≥ 80 F           | ≥ 93                | F                  | Total        |
| Dry Bulb         |     |             | 0105 |  | $\frac{1372}{1056}$ |        |                  | 4.3           |         | 16            |            |     | $\dashv$ |  | 41            |          | 6.0          |                  | 1                   | -                  |              |
| Wet Bulb         |     |             | 7407 |  | 1016                |        |                  | 4.4           |         | 16            |            |     | _        |  | 22            |          | <del></del>  | 1                | +                   |                    |              |
| Dew Point        |     |             | 1013 | <del> </del>                                     | 990                 | -      |                  | 5.2           |         | 16            |            |     |          |  | 15            |          |              | <del>' </del>    |                     |                    |              |

47-60-67-69-72

FORM 0.26-5 (OL A) REVISED MEVIOUS EDITIONS OF THIS FORM ARE CINCUISE

USAFETAC FORM 0.26-5 (OLA)

| DATA | PROCESSIN | G BRANCH |
|------|-----------|----------|
| USAF | <b>—</b>  |          |

# PSYCHROMETRIC SUMMARY

47=60.67.67-72

| Temp.            |     |                 | ,            |              |              |                | BULB .       |                |                |        |              |  |  | <del></del>  |        |          |         | <del></del> . |               | TOTAL        | <u></u> _      | TOTAL  | T        |
|------------------|-----|-----------------|--------------|--------------|--------------|----------------|--------------|----------------|----------------|--------|--------------|--|--|--------------|--------|----------|---------|---------------|---------------|--------------|----------------|--|----------|
| (F)              | 0   | 1 - 2           | 3 - 4        | 5 - 6        | 7 - 8        | 9 - 10         | 11 - 12      | 13 -           | 14 1           | 5 - 16 | 17 - 18      | 19 - 20  | 21 - 22  | 23 - 2       | 4 25 - | 26       | 27 - 28 | 27.           | 30 ≥ 31       | D.B W.B.     | Dry Bulb       | Wet Builb  | Dew I    |
| 86/ 85           |     |                 |              |              | - 1          | l              |              |                |                |        |              |  |  | ŀ            | -      | - 1      |         |               | 1             | 1            | 1              |  |          |
| 84/ 83           |     |                 | L            | 1            |              |                |              |                |                |        |              |  |  |              |        | $\perp$  |         |               |               | 2            |                |  | <u> </u> |
| 82/ 81           |     | 1               | . 1          | •≥           |              |                |              | ļ              | -              |        |              | i<br>I   |  |              | -      | - 1      |         |               |               | 4            | 4              | į  |          |
| 80/ 79           |     | <u> </u>        | - 1          | - 4          | 4            | ļ              |              | <u></u>        |                |        |              |  |  | <u> </u>     | _      | .        |         | <u> </u>      |               | 13           | 13             | 1  | <b> </b> |
| 78/ 77           | . 1 |                 | .5           | .6           | .4           |                |              | İ              |                |        |              |  |  | l            | ŀ      |          |         | 1             | !             | 25           |                | 4  | 1        |
| 76/ 75           |     | 5               |              | 1            | 24           | 1              |              | ļ              |                |        |              |  | <u> </u>   | <u> </u>     | _      |          |         |               | <del>-</del>  | 61           | _61            | 5  | il       |
| 74/ 73           |     | 1.7             | 1.9          | 2.1          | .7           |                | ŀ            | ١ .            | ı,             |        |              |  |  |              |        | ı        |         |               |               | 110          |                | 26   |          |
| 72/ 71           |     | 3.2             |              |              | 9            |                | 1            |                | ۱į.            |        |              |  | ļ  | <del> </del> |        | -+       |         | <b>⊹-</b> -   |               | 199          |                |  |          |
| 70/ 69           | . 3 |                 |              |              |              | -1             |              |                | -              |        |              |  |  | !            |        | i        |         | 1             | 1             | 218          |                |  |          |
| 68/ 67           | 8   |                 |              | 2.2          | -9           |                |              |                | _اد،           |        |              |  | <del> </del>                                     | <del> </del> | -      |          |         | ┼             |               | 281          | 282            |  |          |
| 66/ 65           |     | 7.9             |              | 1.8          | .4           | .2             |              | •              | 1              |        |              |  | İ  |              |        |          |         | 1             |               | 257          |                | 294  |          |
| 64/ 63           |     | 247             |              |              |              | 5              | 2            | <del> </del> - |                |        |              |  | <del> </del> -                                   | <del> </del> | -      | <b>-</b> |         | -             | <del>- </del> | 178          | 178            |  | -        |
| 62/61            | 1.1 | 3.6             | 1.9          |              |              | .1             |              |                |                |        | ì            | l  |  |              |        | - 1      |         |               |               | 117          |                |  |          |
| 60/ 59           | قم  | 2.3             | 1.3          |              |              | <del> </del>   |              | ├              | -              |        |              |  | ļ  | <del> </del> |        |          |         | ┼             |               | 81           | 81             |  |          |
| 58/ 57           | ^   | .9              | . 1          |              |              | Ì              | İ            | ì              |                |        |              |  |  | 1            |        | İ        |         | 1             |               | 21           |                |  |          |
| 56/ 55           | 3   | 1               |              |              |              |                |              | ┼              |                |        |              |  | -  | ┼            |        | -        |         | ╁             |               | 16           |                |  |          |
| 54/ 53<br>32/ 51 | • 1 | • 3             |              | 1            | İ            |                |              | i              | -              |        |              |  |  |              |        |          |         |               |               | 6            | 6              | 3  | (        |
| 50/ 49           |     | <del> </del>    | <del> </del> | <del> </del> | i            | <del> </del> - | i            | <del> </del>   | +              |        |              | <del>                                     </del> | <b></b>  | -            | +      | -        |         | 1-            | -             |              |                | <del>                                     </del> | -        |
| 48/ 47           |     |                 |              | Ì            |              |                |              | }              | - }            |        |              |  | <b>\</b>   | 1            | -      | - }      |         | 1             | ļ             | <b>!</b>     | 1              | \ '  | 1        |
| 46/ 45           |     | † - <del></del> | <b>†</b>     |              | <del> </del> |                | <del> </del> | 1              | 十              |        |              |  | <del>                                     </del> | †            | 1      | $\neg$   |         | 1             |               | 1            |                | <del> </del>                                     | T        |
| 44/ 43           |     | ſ               | ł            |              | ļ            |                | ļ            |                |                |        |              |  |  |              |        |          |         | 1             |               |              | ļ              | j  |          |
| 42/ 41           |     | †               | T            |              | 1            | T              |              |                |                |        |              |  |  |              | 7      |          |         |               |               |              |                | 1  | T        |
| TOTAL            | 5.5 | 36.0            | 33.8         | 15.9         | 5.0          | 1.9            | . 7          | ١.             | .5             | . 1    |              |  |  | 1 _          | 1      |          |         |               |               |              | 1501           | <u> </u>   | 1        |
|                  |     |                 |              | 1            |              |                |              |                |                |        |              |  |  |              |        | $\neg$   |         |               |               | 1590         |                | 1590   |          |
|                  |     |                 | l            | ļ            |              |                |              | <u> </u>       |                |        |              |  |  |              |        |          |         |               |               | • • •        |                |  |          |
|                  |     |                 |              |              | ĺ            |                |              |                |                |        |              |  |  |              |        |          |         |               |               |              |                |  |          |
|                  |     |                 | <u> </u>     |              | <u> </u>     |                | <u> </u>     | <u> </u>       | _              |        | <b> </b>     |  | <u> </u>   | <del> </del> |        | _        |         | -             |               | <u> </u>     | <u> </u>       | <del> </del>                                     | <u> </u> |
|                  |     |                 |              |              |              |                |              | İ              | -              |        | 1            |  |  |              |        |          |         |               | - [           |              | 1              |  | 1        |
|                  |     | ļ               | ↓            |              | <u> </u>     |                | ļ            |                | -              |        | <del> </del> | <del> </del>                                     | <del> </del>                                     |              |        |          |         |               | _             | <del> </del> | <del> </del>   |  | ╂—       |
|                  |     |                 |              |              |              |                |              |                |                |        | İ            |  | 1  |              |        | ļ        |         |               | -             |              |                |  |          |
|                  |     |                 |              | <del> </del> | <del> </del> | <del> </del>   | <del> </del> | +              | -              |        | <del> </del> | <del> </del>                                     | <del> </del>                                     | +-           |        |          |         | +             |               | <del> </del> | <del> </del> - | <del> </del>                                     | +-       |
|                  |     |                 |              | Ì            |              |                |              |                | 1              |        |              | j  |  | 1            |        |          |         | 1             |               |              |                |  |          |
| Element (X)      |     | Σχ²             |              |              | Σχ           |                | X            |                | r <sub>X</sub> |        | No. O        |  |  |              |        |          |         |               |               | h Tempero    | tute           |  |          |
| Rel. Hum.        |     |                 | 1:219        |              | 1330         |                | 83.7         |                |                |        |              | 90   | ± 0  | F            | ≤ 32   | F        |         | 7 F           | ≥ 73 F        | ≥ 80 F       | ≥ 93           | F  | Tota     |
| Dry Bulb         | L   |                 | 1773         |              | 1072         |                | 57.4         |                |                |        |              | 91   |  |              |        | ]        |         | 8             | 12.4          | 4            | 5              | _  |          |
| Wet Bulb         |     |                 | 5056         |              | 1019         | 114            | 64.1         | 4              | 53             | 35     |              | 90   |  |              |        |          |         | 5.5           | 2,7           | 4            |                | _  |          |
| Dew Point        |     | 617             | 4750         | :            | 987          | 20             | 62.1         | 5              | 34             | 6      | 15           | 90   |  |              |        |          | 16      | 2 2           |               |              |                |  |          |

| Element (X) | Σχ2      | Σχ     | X    | ₹ <sub>R</sub> | No. Ohs. |       |        | Mean No. of | Hours with | Temperature | ·      |            |
|-------------|----------|--------|------|----------------|----------|-------|--------|-------------|------------|-------------|--------|------------|
| Rel. Hum.   | 1129#219 | 133019 | 83.7 | 10.340         | 1590     | ± 0 F | ⊴ 32 F | ≥ 67 F      | ≥ 73 F     | ≥ 80 F      | ≥ 93 F | Total      |
| Dry Bulb    | 7271773  | 107293 | 67.4 | 4,772          | 1591     |       |        | 51.8        | 12.2       | . 5         |        | <b>9</b> 0 |
| Wet Bulb    | 6565056  | 101914 | 64.1 | 4.535          | 1590     |       |        | 26.5        | 2.2        |             |        | 90         |
| Dew Point   | 6174750  | 98720  | 52.1 | 5.346          | 1590     |       |        | 16.2        | . 6        |             |        | 90         |

 ΔΑΤΑ PRUCISSING ERAGCH

 USAF ETAC

 AIR -FATHER SERVICE/MAC

 43311
 ID-Y IAP JAPAA/HUSHU
 62-60-67-62-72

# **PSYCHROMETRIC SUMMARY**

| STATION              |             |            |              | 51         | ATION N        | AME       |              |                       |           |          |             |         |          | YE       | ARS     |            |          |            |                       | MOR            | TH       |
|----------------------|-------------|------------|--------------|------------|----------------|-----------|--------------|-----------------------|-----------|----------|-------------|---------|----------|----------|---------|------------|----------|------------|-----------------------|----------------|----------|
|                      |             |            |              |            |                |           |              |                       |           |          |             |         |          |          |         |            |          | PAG        | 1                     | CGOO           | -1100    |
| Temp                 |             |            |              |            |                |           | BULB .       |                       |           |          |             |         |          |          |         |            |          | TOTAL      |                       | TOTAL          |          |
| (F)                  | 0           | 1 - 2      | 3 - 4        | 5 - 6      | 7 - 8          | 9 - 10    | 11 - 12      | 13 - 14               | 15 - 16   | 17 - 18  | 19 - 20     | 21 - 22 | 23 - 24  | 25 - 26  | 27 - 28 | 29 - 30    | ≥ 31     | D.B. W.B.  | Dry Bulb              | Wet Bulb       | Dew Por  |
| 90/ 89<br>88/ 87     |             |            |              |            | ,              | ٠١.       |              |                       |           |          |             |         |          |          |         |            |          | ?          |                       |                |          |
| 86/ 85               |             |            |              |            | , 1            | ٠.        |              |                       |           |          |             |         |          |          |         |            |          | -5         | 5                     |                |          |
| 84/ 83               | <del></del> | 1          |              | 2          | .7             | .7        | . 3          |                       | . 1       | 1        |             |         |          |          |         |            |          | 36         | <u>15</u><br>36       | 1              |          |
| 80/ 79<br>78/ 77     |             | 1          | 1.7          | 1.2<br>2.6 | 2.1            | 1.0<br>,7 | 1            | - 2                   | . 3       | 1        |             |         |          |          |         |            |          | 56<br>128  | <del>56</del>         | 8              |          |
| 70/ 75               |             | 3          | 2.6          | 3.2        | 3.1            | 1.1       |              | 2                     | 1         | • 1      |             |         |          | <u> </u> |         |            |          | 173        | _173                  | 26             |          |
| 74/ 73               |             | .6<br>_1.1 | 2.2          | 5.3        | 2.7            | .7        | 1            | •1                    | .1        |          |             |         |          |          |         |            |          | 187<br>205 | 187<br><del>205</del> | 74<br>128      | 7        |
| 70/ 69               | . 2         | 2.5        | 4.8          | 3.2        | 1.7            | .4        | .3           | .2                    | .1        |          |             |         |          |          |         |            |          | 212        | 212                   |                | 10<br>18 |
| 66/ 65               | . 5         | 3.4        | 2.9          | 1.4        | .6             | . 1       | • 1          | <del></del>           |           |          |             |         |          |          |         |            |          | 142        | 142                   | 285            | 22       |
| 64/ 63               | 8<br>2.     | 2.4        | , 6          | a.#.       |                |           |              |                       |           |          |             |         |          |          |         |            |          | 97<br>55   | <u>9.7</u><br>55      | 159            |          |
| 50/ 59<br>58/ 57     | 3           | 1.3        | 3            |            |                |           |              |                       |           |          |             |         |          |          |         |            |          | 35<br>8    | <del>35</del><br>8    |                | 16<br>11 |
| 56/ 55<br>54/ 53     |             | 3          |              |            |                |           |              |                       |           |          |             |         |          |          |         |            |          | 5          | 5                     | 30             | 5        |
| 52/ 51               |             | • •        |              |            |                |           |              |                       |           |          |             |         |          |          |         |            |          |            | <del></del>           | 2              | 2        |
| 50/ 49<br>48/ 47     |             |            |              |            |                |           |              |                       |           |          |             |         |          |          |         |            | <u> </u> |            |                       |                | 1        |
| 46/ 45               |             |            |              |            |                |           |              |                       |           |          |             |         |          |          |         |            |          |            |                       |                |          |
| 42/ 41<br>UT 1L      | •           |            | 26.4         | 25 2       |                |           | 1.8          |                       | a         | ,        |             |         |          |          |         |            |          |            |                       |                |          |
| 1175                 | 4-5         | 10.3       | 20.9         | 22.2       | 10.0           | -0.0      | 1.0          | _1.+4                 | 0         | 3        |             |         |          |          |         |            |          | 1571       | 1571                  | 1571           | 157      |
|                      |             |            |              |            |                |           |              |                       |           |          |             |         |          |          |         |            | _        |            |                       |                |          |
|                      |             |            |              |            |                |           |              |                       |           |          |             |         |          |          |         |            |          |            |                       |                |          |
|                      |             |            |              |            |                |           |              |                       |           |          |             |         |          |          |         |            |          |            |                       |                |          |
| Element (X)          |             | ΣXż        |              | _          | z <sub>X</sub> |           | X            | <b>€</b> <sub>X</sub> | ightarrow | No. Ob   | <del></del> |         |          |          |         |            |          | Temperat   |                       |                |          |
| Rel. Hum.            |             |            | 4692         |            | 1217           |           | 77.5         |                       |           | 15       |             | ± 0 1   | <u> </u> | 32 F     | ≥ 67    |            | 73 F     | ≥ 80 F     | ≥ 93                  | <u>-   - 1</u> | Total    |
| Dry Bulb<br>Wet Bulb |             |            | 4409         |            | 1111           |           | 70.8         |                       |           | 15       | _           |         |          |          | 70      |            | 34.5     |            |                       |                |          |
| Dew Point            |             |            | 4309<br>8953 |            | 1033<br>989    |           | 65.8<br>63.0 |                       |           | 15<br>15 | 71          |         |          |          | 40      | <b>.</b> 0 | 6.5      |            | 2]                    |                | 9        |

A 0.26-5 (OL A) REVISED PREVIOUS EUTIONS OF THIS FORM ARE OBSOL

AC FORM DOLE CO.

SAM 0.26-5 (OLA) revised Previous editions of this form are ousourre

| DATA  | PRIJCESSING | RRANCH   |
|-------|-------------|----------|
| USAF  | ETAC        |          |
| ATR . | EAT IER SER | VICE/MAC |

# PSYCHROMETRIC SUMMARY

| 43311                                   | THEY TAP JAPAN / (INSH)                 | 47-60-67-67-72 | 1     |
|---|---|----------------|-------|
| STATION                                 | STATION NAME                            | YEARS          | MONTH |
| • | • |                |       |

| Tr 2.            |     |              |             | ·····        |         | WET                   | BULB 1  | FEMPER     | ATUDE        | DEPPE        | SSION  | E)   |             |  |  |  |                 | TOTAL        |          | 1200<br>HOURS  | . 3. 1,1       |
|------------------|-----|--------------|-------------|--------------|---------|-----------------------|---------|------------|--------------|--------------|--|--|-------------|--|--|--|-----------------|--------------|----------|----------------|----------------|
| -)               | 0   | 1 - 2        | 3 - 4       | 5 - 6        | 7 - 8   |                       | 11 - 12 |            |              |              |  |  | 23 . 24     | 25 . 26  | 27 . 28  | 29 . 30  | 2 31            | D.B. W.B.    | Dry Bulb |                | Dew Poin       |
| 90/ 89           |     |              |             | 3.0          | , - 0   | 7 - 10                |         | 13.14      | 13 . ,0      | 17 - 10      | 1,1 20   |  | 23 - 14     | 23-20  | 27 20  | 27.3   |                 |              | -,       |                |                |
| 88/87            |     |              |             |              |         | ,                     | • 1     | ,          |              | 1            |  | l  |             |  |  |  | -               | 4            | ŗ        |                |                |
| 86/ 85           |     |              | 1           |              | ٠ غ     | <del></del>           | ,       |            |              | .1           |  | <del>                                     </del> |             | <del>                                     </del> | <del> </del>                                     |  | 1               | 14           | 14       |                |                |
| 84/83            |     |              | • ì         | 3            | • • • • | .3                    | • 1     | g          |              |              | ١,   |  |             |  |  | ŀ  |                 | 47           | 47       |                |                |
| 82/81            |     |              | .2          | 1.2          | 1.2     | 1.7                   | 1.5     | .5         | . 3          | 1            |  | <del> </del>                                     |             |  |  |  |                 | 105          | 105      | 3              | ,              |
| 80/ 79           |     |              | . 3         | 2.0          |         | 2.2                   | 1.0     | .7         |              | 1            | 1  |  |             |  | ļ  |  | 1               | 133          | 133      | 4              | i              |
| 78/ 77           |     |              | 1.2         |              |         |                       |         | .6         |              | .3           |  |  |             |  |  | i  | 1               | 202          | 202      | 17             | 3              |
| 76/ 75           |     | . 3          |             | 3.1          | 3.2     | 2.0                   | 4       | .2         | . 1          | 1 .1         |  | İ  | }           | Ì  | i  | i  | ļ               | 173          | 173      | 4.11           | 13             |
| 74/ 73           |     | .5           | 2.7         | 4.3          | 2.8     | 1.1                   | . 9     | . 5        | . 1          |              |  | 1  |             |  |  |  |                 | 196          | 190      | 105            | 45             |
| 72/_71           |     | 1.4          | 3.5         | 2 9          | 2.3     | $\tilde{1}.\tilde{0}$ | 5       | . 3        |              | <u> </u>     |  |  |             |  | <u> </u>   |  | <u> </u>        | 190          | 195      | 137            | 84             |
| 70/ 69           | . 1 | 1.8          | 3,8         | 3.2          | 1.3     | .6                    | .4      |            |              | 1            |  | 1  | 1           |  |  |  |                 | 176          | 176      | 258            | 126            |
| 68/ 67           | . 5 | 1.8          | 2.5         | 1.4          |         | 6                     | 1       |            |              | ļ            | ļ  |  |             | <u> </u>   | ļ  |  |                 | 115          | 119      | 289            | _ 171          |
| 66/ 65           | .7  |              | 1.7         | 1.1          | .5      | • 1                   |         |            |              | 1            |  |  |             |  |  |  |                 | 102          | 102      | 241            | 531            |
| 64/ 63           | 4   |              | 1.01        | . 2          | 2       | 1                     |         |            |              | ļ            |  | ļ  |             | <u> </u>   | ļ  | <u> </u>   |                 | 36           | 56       | 196            | 294            |
| 62/ 61           | . 3 |              | .3          | . 1          |         |                       |         |            |              | 1            |  |  |             |  | i  |  | 1               | 31           | 31       | 138            | 177            |
| 60/_59           | 1   |              |             |              |         |                       | ļ       |            |              |              |  |  |             | <u> </u>   | -  |  |                 | 10           | 10       |                | 167            |
| 58/ 57           | • 1 | .3           | .1          |              |         |                       |         |            |              |              |  |  |             | 1  | 1  |  | 1               | 7            | 7        |                | 94             |
| 56/ 55           | 2   |              |             |              |         |                       |         |            |              | <del> </del> |  | ├  |             |  | <u> </u>   |  |                 |              | £        | 12             | <u>5</u> ₹.    |
| 54/ 53           |     |              |             |              |         |                       |         |            |              | ļ            |  | ŀ  | i           | 1  | !  |  |                 |              |          | 2              | 36<br>27       |
| 52/ 51           |     | <del> </del> |             | <del> </del> |         |                       |         |            | <del> </del> | ├──          | ├  | <del>                                     </del> |             | ├  |  |  | <del>- </del> - | <del> </del> |          | <del> </del> - | 17             |
| 50/ 49<br>48/ 47 |     | 1            | ļ           | ļ            |         |                       |         |            | ļ            | ł            |  | ļ  |             |  | ļ  |  |                 |              |          |                | 9              |
| 46/ 45           |     |              |             |              |         |                       |         |            |              | <b></b>      | <del>                                     </del> | <del> </del> -                                   |             | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | <del></del>     |              |          | <b></b>        | 3              |
| 44/ 43           |     |              |             |              |         |                       |         |            |              |              |  | }  |             |  |  | i  | 1               |              |          | ļ              | ,              |
| DTAL             | 2.3 | 12.4         | 18.7        | 22.3         | 18.9    | 12 9                  | 6.9     | 3.4        | 1.3          | .6           | . 2  |  |             | 1  | $\vdash$   | <del>                                     </del> |                 | 1            | 1570     |                | 1569           |
| U 1 / 1          |     |              |             |              | 1       | , ·                   | "• 1    | <b>"</b> " | ***          | •            | <b>'</b> ''                                      | 1  |             |  |  |  | 1               | 1570         |          | 1570           |                |
|                  |     |              |             |              | i       |                       | İ       | i          |              | 1            |  | †  |             |  |  | T  |                 |              |          |                |                |
|                  |     |              |             |              |         |                       |         |            |              | <u> </u>     |  | <u> </u>   |             |  | l  |  |                 | ļ            |          |                |                |
|                  |     |              |             |              |         |                       |         |            |              |              |  | 1  |             |  |  |  |                 |              |          | l              |                |
|                  |     | ļ            |             |              |         |                       |         | <u> </u>   | ļ            | <u> </u>     |  | <u> </u>   | <u> </u>    | <u> </u>   |  | <u> </u>   |                 | ļ            |          | <u> </u>       | ļ              |
|                  |     |              |             |              |         |                       |         |            |              |              | İ  |  |             |  |  |  | ŀ               |              |          |                | !              |
|                  |     | ·            |             | <u> </u>     |         | <del></del>           |         | <u> </u>   |              | <del> </del> | <del> </del>                                     | ├─   | <del></del> | <del> </del>                                     | -  | ├—   |                 | ļ            |          | -              | <del> </del> - |
|                  |     |              |             |              |         |                       |         |            |              | 1            |  | ļ  |             |  |  |  |                 | !            |          |                |                |
| Element (X)      |     | Σχ²          |             |              | Σχ      |                       | ×       | <b>₹</b>   |              | No. O        | · s .  |  |             |  | Mean   | No. of   | Hours wit       | h Tempera    | lure     |                |                |
| Rel. Hum.        |     |              | 6091        |              | 1142    | 01                    | 72.8    | 13.5       | 37           | 15           | 70   | ⊴ 0  | F           | ≤ 32 F   | ≥ 67   | F  | ≈ 73 F          | ≥ 80 F       | ≥ 93     | F              | Total          |
| Dry Bulb         |     | 847          | 1174        |              | 1149    | 66                    | 73.2    | 5.7        | 89           |              | 70   |  |             |  | 77   | . 8  | 50.0            | 13.          | 2        | _              | 90             |
| Wet Bulb         |     |              | 5724        |              | 1050    |                       | 66.9    |            |              |              | 70   |  |             |  |  | .4   | 10.1            |              |          |                | 90             |
| Dew Point        |     | 636          | <b>9202</b> | !            | 995     |                       | 63.5    |            |              | 15           | 69   |  | 1           |  | 25   | . 5  | 3.7             | 1            | 2        |                | 90             |

DATA PROCESSING BRANCH
USAF ETAG
AIR WEAT ER SERVICE/NAC

#### PSYCHROMETRIC SUMMARY

43311 TOLY: TAP JAPAN/LUNSHU 47-50-67-69-72 1500-1'700 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 90/ 89 88/ 87 86/ 85 . 1 15 84/ 83 82/ 81 80/ 79 58 . 1 58 6 1.2 121 121 .2 1.4 3.3 2.9 2.6 . 8 188 17 78/ 77 188 76/ 75 .8 2.8 2.9 74/ 73 210 210 49 1.1 • 6 72/ 71 175 77 225 70/ 69 2.1 3.7 2.8 1.1 1.0 175 177 267 132 . 1 68/ 67 311 203 139 139 3.4 2.0 66/ 65 104 104 252 249 64/ 63 207 313 . 3 1.1 62/ 61 31 136 178 • 3 31 57 144 60/\_59 58/ 57 27 94 36/ 55 54 45 54/ 53 52/-51 24 50/ 49 48/ 47 46/ 45 3 44/ 43 42/ 41 1 TOTAL 1598 1598 1598 Element (X) ZX No. Obs. Mean No. of Hours with Temperature ±0 F ≤ 32 F 9031467 113397 74.112.742 1598 ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb 8567802 115/72 73.0 5.334 1600 48.6 107145 67.1 4.223 101975 63.6 5.236 Wet Bulb 90 7213840 1.98 50.8 4.4 Dew Point 6551227

TAC FORM 0.26-5 (OLA) REVISEO MENOUS EDITIONS OF THIS FOR

DATA PROCESSING BRANCH USAF ETAC AIR EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 43311<br>STATION |                | <u>к</u> <b>У</b> |                | S.           | TATION N     | AME  |              |                |               |  |  | 1,69.   |         | YE   | ARS            |                |  |           |                    | MO             |  |
|------------------|----------------|-------------------|----------------|--------------|--------------|--|--------------|----------------|---------------|--|--|---------|---------|--|----------------|----------------|--|-----------|--------------------|----------------|--|
|                  |                |                   |                |              |              |  |              |                |               |  |  |         |         |  |                |                |  | PACI      | 1                  | HOURS (        | 200<br>L. S. T.                                  |
| Temp             |                |                   |                | ,            |              |  |              | TEMPER         |               |  |  |         |         |  |                |                | ,  | TOTAL     |                    | TOTAL          |  |
| (F)              | 0              | 1 - 2             | 3 - 4          | 5 - 6        | 7 - 8        | 9 - 10   | 11 - 12      | 13 - 14        | 15 - 16       | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 24 | 25 - 26  | 27 - 28        | 29 - 30        | ≥ 31   | D.B. W.B. | Dry Bulb           | Wet Bulb       | Dew P  |
| 86/ 85           |                |                   |                | • 1          |              |  |              |                |               |  | 1  |         |         | 1  |                |                |  | 1         | 1                  |                | •  |
| 84/ 83           |                |                   |                |              | <u> </u>     |  |              | <del> </del>   |               |  |  |         |         |  |                |                | <del> </del>                                     |           | <u>_</u> 2         |                |  |
| 82/ 81           |                |                   | ا ا            | • 1          | · 1          | . 2  |              |                | ١.            |  |  |         |         | 1  |                |                |  | 5         | . 5                | ١.             |  |
| 80/ 79           | <del> </del> - | <del> </del>      | 1 4            | 1 1 1        | 1            | <del></del>                                      |              | لمعا           |               |  |  |         |         |  |                |                |  | 27        | 27                 |                |  |
| 78/ 77           | !              |                   |                | 1.3          | 1.4          |  | 1            | 1              | ١,            |  |  | ' I     |         |  |                |                | 1  | 155       | 83                 | 2              |  |
| 76/ 75<br>74/ 73 |                |                   | 3.2            |              |              |  |              |                | .1            |  |  |         |         | <del> </del>                                     | <del> </del>   |                |  | 230       | <u> 155</u><br>239 |                |  |
| 72/ 71           |                | 2.7               |                |              |              | .7   |              | Ϊ.             | • •           |  |  |         |         |  |                |                |  | 293       | 293                | 122            |  |
| 70/ 69           | .3             |                   |                |              |              |  |              |                |               |  |  |         |         | <del>                                     </del> |                |                | <del>                                     </del> | 258       | 258                | ,              | 1  |
| 68/ 67           | .6             | 1 .               |                |              |              | •1   |              |                |               |  |  |         |         |  |                |                |  | 212       | 212                | 319            |  |
| 66/ 65           | .9             |                   |                |              |              |  |              | <del> </del>   |               |  |  |         |         | <del> </del>                                     |                |                |  | 103       | 163                |                | 2.4  |
| 64/ 63           | .3             | 2.3               | 1.3            |              |              | •;   | • •          | 1              |               |  |  |         |         |  |                |                |  | 7.4       | 74                 | 248            | 29   |
| 62/61            |                |                   |                |              |              |  | • 1          |                | <del></del> - |  |  |         |         | 1  |                |                |  | 48        | 48                 |                | 2:   |
| 60/ 59           | 3              | 1.4               |                |              |              | [  | '`           | 1              |               |  |  |         |         | 1  |                |                |  | 24        | 24                 | 79             | 1  |
| 58/ 57           | -              | . 6               |                |              |              |  |              |                |               |  |  |         |         | 1  |                |                |  | 9         | 9                  |                | 10   |
| 56/ 55           |                | Ž                 |                | <u> </u>     |              | 1  |              |                |               |  |  |         |         |  |                |                |  | 3         | 2                  |                | 1  |
| 54/ 53           |                |                   |                | Ī            | 1            |  | I            |                |               |  |  |         |         | 1  |                |                |  |           |                    | 10             | 4  |
| 52/ 51           |                |                   | <u> </u>       |              |              |  |              | <u> </u>       | <u> </u>      |  |  |         |         |  |                |                | <u></u>  | L         |                    | 1              | نـــــا  |
| 50/ 49           |                |                   |                |              |              |  |              | 1              |               |  |  |         |         |  |                |                |  |           |                    |                | 1  |
| 48/ 47           | <u> </u>       |                   |                |              |              |  | <u> </u>     | <u> </u>       |               |  |  |         |         | <u> </u>   |                |                |  |           |                    | <u> </u>       | <u> </u>   |
| 46/ 45           | !              | !                 | 1              |              |              |  |              |                |               |  |  |         |         | 1  |                |                | ĺ  |           |                    |                | ĺ  |
| 44/ 43           | ļ              | ļ                 | L              | ļ            |              | <u> </u>   | <u> </u>     | <u> </u>       | <u> </u>      | <u> </u>   | <u> </u>   |         |         |  |                | <u> </u>       | <u> </u>   |           |                    | ļ              | ļ  |
| 42/ 41           | 1              |                   | }              |              |              | Ì  |              | 1              |               |  |  |         | Ì       | Ì  | i i            | Ì              | ]  | 1         |                    | ł              | 1  |
| 40/ 39           | <del> </del>   | ļ                 | <u> </u>       |              | <del> </del> | <del> </del>                                     | ļ            | <del> </del>   | <del> </del>  | <del> </del>                                     | <u> </u>   |         |         |  | <del>  -</del> | <del> </del>   |  | <u> </u>  |                    |                | <u> </u>   |
| TOTAL            | 2.8            | 21.7              | B3.3           | 24.3         | 12.5         | 3.9  | 1.1          | • 1            | .3            |  |  |         |         |  |                |                | 1  |           | 1596               |                | 159  |
|                  | <del> </del>   | <del></del>       | <del> </del>   | -            |              | $\vdash$   | ├            | <del> </del>   |               | <del> </del>                                     | ├  |         |         | ┼  |                | <del> </del> - | ├  | 1596      |                    | 1596           | <del> </del>                                     |
|                  |                |                   |                |              | •            |  |              |                |               |  |  |         |         | 1  |                |                |  |           |                    | 1              | ļ  |
|                  | <del> </del>   | <del> </del>      | <del> </del> - | <del> </del> | <del> </del> | $\vdash$   | <del> </del> | +-             | <del> </del>  | <del> </del>                                     |  |         |         | +  | <del></del>    | <del> </del>   | <del>                                     </del> |           |                    | <del> </del> - |  |
|                  | 1              |                   | i              |              |              | 1  |              |                |               |  |  |         |         |  |                |                |  | ]         |                    |                |  |
|                  | <del> </del> - | <del> </del>      | <del> </del>   | <del> </del> | <del> </del> | <del>                                     </del> | <del> </del> | <del> </del> - | <del> </del>  | <del>                                     </del> | <del>                                     </del> |         |         | 1  |                | l              | <del>                                     </del> |           |                    | <del> </del>   | <del>                                     </del> |
|                  |                |                   |                | 1            | 1            |  | 1            | 1              | }             | 1  |  |         |         | }  | 1              | 1              |  |           |                    | 1              | 1  |
|                  | <u> </u>       |                   | T              |              |              | <del> </del>                                     | 1            |                |               |  |  |         |         | 1  |                |                |  |           |                    | ļ — —          |  |
|                  | <u> </u>       |                   | <u> </u>       |              |              | <u> </u>   | <u> </u>     | <u> </u>       | <u>L</u>      |  | <u></u>  |         | L       |  |                | <u> </u>       | <u></u>  |           |                    | <u> </u>       | <u></u>  |
| Element (X)      |                | ΣX                |                |              | ΣX           |  | X            | •,             |               | No. O  |  |         |         |  |                | $\overline{}$  |  | h Tempera |                    |                |  |
| Rel. Hum.        | <u> </u>       |                   | <u> </u>       |              | 1274         |  |              | 10.5           |               |  | 96   | ≤ 0 1   | F       | ≤ 32 F   | ≥ 67           | -              | 73 F   | ≥ 80 F    | £ 93               | F              | Total  |
| Dry Bulb         | <del> </del>   |                   | 9554           | <u> </u>     | 1131         | 30   |              | 4.4            |               | 15   |  |         | -       |  | 71             |                | 28.9   |           | 9                  |                |  |
| Wet Bulb         | <u> </u>       |                   | 4730           |              | 1052         |  |              | 4.0            | 99            | 15   |  |         |         |  | 41             |                | 4.2  |           | 1                  |                |  |
| Dew Point        |                | 647               | 4699           | <u> </u>     | 1013         | 51   | 63.5         | 4.9            | 19            | 15   | 96_  |         | L       |  | 24             | .9             | 1.7  | l         |                    | Ĺ              |  |

USAFETAC

CATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION                      | . 1.11       | I <u>Y. Y.</u> | TAP   | JAPA<br>51  | ATION N        | ME<br>ME | <u></u> |           |        | 47-      | 00.6    | حتنعا     | 12_    | YE             | ĀRŠ        |             |             |               | MOM        | NTH          |
|------------------------------|--------------|----------------|-------|-------------|----------------|----------|---------|-----------|--------|----------|---------|-----------|--------|----------------|------------|-------------|-------------|---------------|------------|--------------|
|                              |              |                |       |             |                |          |         |           |        |          |         |           |        |                |            |             | PACE        | 1             | 2100       | ر<br>د . د   |
| Temp                         |              |                |       |             |                |          | BULBT   |           |        |          |         |           | _      |                |            |             | TOTAL       |               | TOTAL      |              |
| (F)                          | 0            | 1 - 2          | 3 - 4 | 5 - 6       | 7 - 8          | 9 - 10   | 112     | 13 - 14 1 | 5 - 16 | 17 - 18  | 19 - 20 | 21 - 22 2 | 3 - 24 | 25 - 26        | 27 - 28 29 | - 30 ≥ 31   | D.B. W.B.   | Dry Bulb      | Wet Bulb   | De           |
| 80/ 79<br>78/ 77             |              |                | ų     | , 1         |                |          |         |           |        |          |         |           |        |                |            |             | اء ا        | 5<br>79       |            | _            |
| 76/ 75<br><b>74</b> / 73     |              | 2.1            | 2.5   | . 6<br>1. 6 | . 1            |          |         |           |        |          |         |           |        |                |            |             | 70<br>138   | 70<br>138     | 2<br>53    |              |
| 72/ 71<br>70/ 69             | . 2          |                | 7.4   | 3.8         | 1.4            |          | 3       | 1         |        |          |         |           |        |                |            |             | 276<br>306  | 276<br>306    | 92<br>184  |              |
| 68/ 67                       | . 7          |                | 7.8   | 3.1<br>1.3  |                |          | . 1     |           |        |          |         |           |        |                |            |             | 300<br>195  | 300<br>195    | 267<br>336 | ι            |
| 64/ 63                       | .7           |                | 2.9   | 1           | . 3            |          | • 1     |           |        |          |         |           |        |                |            |             | 129<br>86   | 129<br>86     | 253<br>196 |              |
| 60/ 59<br>58/ 57             | ڊ <u>.</u> . | 9              | . 9   | • 4<br>• 2  |                |          |         |           |        |          |         |           |        |                |            |             | 41          | 41            |            |              |
| 56/ 55<br>54/ 53             | . 1          | . 1            | 1     |             |                |          |         |           |        |          |         |           |        |                |            |             | 7 2         | ڊ<br><u>ر</u> | 30<br>12   |              |
| 52/ 51<br>50/ 49             |              |                |       |             |                |          |         |           |        |          |         |           |        |                |            |             |             |               | .5         | L            |
| 48/ 47                       |              |                |       |             |                |          |         |           |        |          |         |           |        |                |            |             |             |               |            |              |
| 44/ 43                       |              |                |       |             |                |          |         |           |        |          |         |           |        |                |            |             |             |               |            | L            |
| 38/ 37<br>IDI <sub>n</sub> l | 4.0          | 12.5           | 41.2  | 15.5        | 5.1            |          | 9       |           |        |          |         |           |        |                |            |             |             | <u> 1398</u>  |            |              |
| -                            |              |                |       |             | <u> </u>       |          |         |           |        |          |         |           |        |                |            |             | 1595        |               | 1598       | L            |
|                              |              |                |       |             |                |          | -       |           |        | <u> </u> |         |           |        |                |            |             |             |               |            | _            |
|                              |              |                |       |             |                |          | -       |           |        |          |         |           |        |                |            |             |             |               |            | <u> </u>     |
|                              |              |                |       |             |                |          |         |           |        | <u> </u> |         |           |        | <del> </del> - |            |             |             |               | <br>       | <u> </u>     |
|                              |              |                |       |             | <del> </del>   |          | -       |           |        | -        |         |           |        | <u> </u>       |            |             |             |               |            | <del> </del> |
| Element (X)                  |              | Σx'            |       |             | z <sub>x</sub> | <u></u>  | X       |           | _      | No. Ob   | s. 1    |           |        | <u> </u>       | Mean No.   | of Hours wi | th Temperat | ura           |            |              |
| Rel. Hum.                    |              |                | 6116  |             | 1340           | 22       |         | 9.22      | 74     |          | 9.5     | 10F       | 7      | ≤ 32 F         | ≥ 67 F     | ≥ 73 F      | ≥ 80 F      | a 93          | F          | Tot          |
| Dry Bulb                     |              |                | 8687  |             | 1094           |          |         | 4.21      |        | 15       |         |           | $\neg$ |                | 63.        | <del></del> |             | ,             |            | _            |

DATA PROCESSING BRANCH USAF ETAL AIR FEATHER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY!

4331 TIKY TAP JAPAN/FIRSHU 47-60-67-69-72 YEARS PACE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 84/ 83 . 1 • 1 82/ 81 80 / 79 78 / 77 2.6 3.9 3.1 196 176 . 2. 8.010.4 79 167 32 367 76/ 75 .410.3 8.0 318 192 324 328 74/ 73 441 360 246 7.5 2.8 5.5 1.6 72/ 71 . 2 193 193 281 365 . 5 70/ 69 284 68/ 67 3.0 87 87 163 197 . 8 . ట . ( 66/ 65 81 101 64/ 63 64 71 24 24 62/61 44 60/ 59 . 1 2 30 58/ 57 TOTAL 4.347.537.313.0 1686 1685 Σχ No. Obs. Mean No. of Hours with Temperature Element (X) ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 13184889 148693 88.2 6.139 1685 74.2 4.102 0.88 Dry Bulb 9318102 125150 1686 64. 92 Wet Bulb 46:7 8674045 120729 71.6 3.767 1685 83.0 92

1685

79.0

72.3

70.5 3.943

118742

PM 0.26-5 (OL A) REVISED MENOUS ECRIPONS OF THIS FORM AR

SAFETAC FORM

Dew Point

8393932

| DATA  | PRUCESSING ARANCH     |
|-------|-----------------------|
| USAF  | ETA'                  |
| ATR . | BAT 409 CERVICE / EAC |

# PSYCHROMETRIC SUMMARY

| 3311<br>STATION | 11      | <u> </u>     | IAP          | JAPA           | TATION N     | N'SHI          | <u> </u>      |                |  | 47-            | 60,6         | 7,69         | -72          | YE             | ARS          |              |              |               |              |  | III<br>NTH   |
|-----------------|---------|--------------|--------------|----------------|--------------|----------------|---------------|----------------|--|----------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|---------------|--------------|--|--------------|
|                 |         |              |              |                |              |                |               |                |  |                |              |              |              |                |              |              |              | PAGE          | 1            | C 100  | <u>=0500</u> |
| Temp.           |         |              |              |                |              | WE             | T BULB 1      | FUDE           | ATHE   | DEPPE          | SSION        | E)           |              |                |              |              |              | TOTAL         |              | TOTAL  |              |
| (F)             | 0       | 1 . 2        | 3 - 4        | 5 - 6          | 7 - 8        |                | 11 - 12       |                |  |                |              |              | 23 - 24      | 25 - 26        | 27 - 28      | 29 - 30      | ≥ 31         | D.B. W.B.     | Dry Bulb     |  | Dew Po       |
| 84/ 83          |         |              |              |                | • 1          |                | 1             |                | 1.0  | 1              | *****        |              |              |                |              |              |              | ,             | <u> </u>     |  |              |
| 82/ 81          |         |              |              | - 2            | ,            |                |               |                | 1  |                |              |              |              | 1              |              |              |              |               | ,            | j '  | }            |
| 80/ 79          |         | 1.3          | 2.6          | 2.             |              |                | 1             |                |  |                |              |              |              |                |              |              |              | 29            | 99           | 1  |              |
| 78/ 77          | 1       |              |              | 1.3            | 1            | i              | I             |                | <u> </u>   | )              |              |              |              |                |              |              | <u> </u>     | 324           | 324          | 45   |              |
| 76/ 75          |         | 12.6         | 7.2          | • 9            |              |                |               |                | Ĭ  |                |              |              |              |                |              |              |              | 354           | 359          | 270  |              |
| 74/ 73          |         | 10.5         | 4.2          | .7             |              |                |               |                |  | <u> </u>       |              |              |              |                |              |              |              | 274           | 274          | 428  |              |
| 72/ 71          | • (     | 8.4          | 3.8          | .4             | 1            |                | 1             |                |  | <b>]</b>       |              |              |              |                |              |              | l            | 226           | 226          |  |              |
| 70/ 69          | 1.0     | 6.0          |              |                |              |                | 11            |                | <u> </u>   |                |              |              |              |                |              |              | <u> </u>     | 150           | 150          |  |              |
| 68/ 67          | 1.9     |              |              |                | ŀ            |                |               |                | }  |                |              |              |              | j i            | ]            |              | Ì            | 115           | 116          |  |              |
| 66/ 65          | تعل     | 2.5          |              |                | <del> </del> |                | <del>- </del> |                | <del> </del>                                     | <b> </b> -     |              |              |              |                |              |              | <u> </u>     | 71            | 71           | 102  |              |
| 64/ 63          | • 4     | 1.1          |              | ' • ì          | }            |                |               |                | Ì  | 1              | }            |              |              |                | Ì            |              |              | 39            | 39           |  |              |
| 62/61           | <u></u> | 4            |              | <del> </del>   | <del> </del> | <del> </del> - |               | <b> </b>       | <del> </del> -                                   | <del> </del>   |              |              | <u> </u>     | <del> </del>   |              | <del> </del> | <del> </del> | 13            | 13           |  |              |
| 60/ 59          | . 1     | .1           | 1            | 1              | 1            |                | 1             |                |  |                | 1            |              |              | 1              | 1            |              | j            |               | ?            | 18   |              |
| 58/ 57          |         | ·            | <del></del>  | <del> </del> - |              | <del> </del> - |               |                | <del> </del>                                     | <del> </del>   |              |              |              | <del> </del>   |              |              | <del> </del> |               |              |  | 1            |
| 56/ 55          |         | }            |              |                | [            | 1              | 1             |                |  |                |              |              |              |                |              | }            |              | ]             |              | <b>\</b>   | 1            |
| 50/ 49<br>OTAL  | 7 /     | 55.0         | 21 /         |                | 2            | <del> </del>   | <del> </del>  |                | ┼  | ├──            |              |              |              |                |              |              | <del> </del> |               | 1682         | <del>                                     </del> | 167          |
| UIAL            | / • •   | 100 g        | 71.0         | 0.0            |              | 1              | • 1           |                |  | 1              | ŀ            | 1            |              |                |              |              | }            | 1678          | 100%         | 1678   |              |
|                 |         | 1            |              | 1              | 1            |                | 1             |                | <del>                                     </del> | 1              |              |              |              |                |              |              | 1            | 1-10-0        |              | 10.00  | _            |
| }               |         | )            | 1            |                | }            | }              | 1             | į              |  |                |              |              | 1            | )              | 1            | )            | 1            | )             |              | 1  |              |
|                 |         | 1            |              | 1              | 1            |                |               |                |  |                |              |              |              |                |              |              | 1            | 1             |              |  |              |
| }               |         | 1            | i            | }              | I            | 1              | 1             |                |  | 1              | i            |              |              | 1              | <b>.</b>     |              | 1            | 1}            |              | <u> </u>   | }            |
|                 |         |              |              | 1              | 1            |                |               |                |  |                |              |              |              | Ī              | 1            |              |              |               |              |  |              |
|                 |         | <u> </u>     |              |                | <u> </u>     | <u> </u> .     |               |                |  | <u> </u>       |              |              |              |                |              |              | <u> </u>     | <u> </u>      |              |  |              |
| 1               |         | 1            | ]            | 1              | l            | 1              |               | 1              | 1  | 1              | !            | 1            |              | İ              | ]            |              | ĺ            | 1 1           |              |  | 1            |
|                 |         | <b></b>      |              | <u> </u>       |              | <u> </u>       |               |                |  | <u> </u>       |              |              | <u> </u>     |                | <u> </u>     |              | <u> </u>     |               |              | <del> </del>                                     | <del> </del> |
| į               |         | 1            |              |                |              |                | 1             | [              |  |                | 1            | l            | Ì            | Ì              |              | 1            | [            |               |              | ļ  | 1            |
|                 |         | <del> </del> | <b> </b>     | <del> </del>   | <del> </del> | <del> </del>   |               | <del> </del>   | <del> </del>                                     | <del> </del>   | <b> </b> -   | <del> </del> |              | <del> </del>   | <del> </del> | <del> </del> | ├            | <del>  </del> |              | <del> </del>                                     | <del> </del> |
| Ì               |         |              |              |                | ]            | Ì              |               | Ì              | )  |                |              | }            | 1            | 1              | ]            | )            | Ì            | 1 1           |              | Ì  | 1            |
|                 |         | <del> </del> | <del> </del> | <del> </del>   |              |                |               |                | <del> </del>                                     | <del> </del> - | <del> </del> | <del> </del> | <del> </del> | <del> </del>   | <del> </del> | <del> </del> |              | <del>}</del>  |              | <del> </del>                                     | <del> </del> |
| }               |         | 1            | 1            | }              | 1            | 1              | 1             | i              | }  | )              | l            | )            | )            | }              | 1            | 1            | 1            | ) 1           |              | }  | 1            |
|                 |         | <del> </del> | <del> </del> | <del> </del>   | ┼─-          | <del> </del>   | +             | <del> </del> - | ╂──  | <del> </del>   | <del> </del> | <del> </del> | <del> </del> | <del> </del> - | <del> </del> | <del> </del> | <del> </del> | <del>  </del> |              | <del> </del>                                     | +            |
| Ì               |         |              |              |                |              | 1              |               | l              |  |                | 1            | Ī            |              |                |              | l            |              | 1             |              | [  |              |
| Element (X)     |         | Ex?          | <del></del>  | <del> </del>   | Σχ           | ╌              | X             | •,             | . —  | No. OI         | 5.           |              | <u> </u>     |                | Me on I      | No. of H     | ours wil     | h Temperat    | ure          |  |              |
| Rel. Hum.       |         |              | 3511         |                | 1502         | 61             | 89.5          |                |  |                | 78           | ± 0          | F            | ± 32 F         | z 67         |              | 73 F         | ≥ 80 F        | 2 93         | F  | Total        |
| Dry Bulb        |         |              | 8558         |                | 1233         |                | 73.4          |                |  | 16             |              | <u>-</u>     |              |                | 86           |              | 58.9         |               |              |  |              |
| Wer Bulb        |         |              | 0944         |                | 1193         |                | 71.1          |                |  |                | 78_          |              | _            |                | 81           |              | 41.2         |               | <del>*</del> | _  |              |
| Dew Point       |         |              | 1004         |                | 1175         |                | 70.1          |                |  |                | 78           |              |              |                | 76           |              | 27.3         |               |              | <del></del>                                      | ,            |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

43311 IDSY TAP JAPAN/HINSHII STATION NAME PAGE 1

| (F)       |     |            |              |              |          | WE   | TBULB         | TEMPER           | ATURE    | DEPRE          | SSION (      | F)   |               |  |                |  |              | TOTAL  |                | TOTAL  |              |
|-----------|-----|------------|--------------|--------------|----------|--|---------------|------------------|----------|----------------|--------------|--|---------------|--|----------------|--|--------------|--|----------------|--|--------------|
|           | 0   | 1 - 2      | 3 - 4        | 5 - 6        | 7 - 8    | 9 - 10   | 11 - 12       | 13 - 14          | 15 - 16  | 17 - 18        | 19 - 20      | 21 - 22  | 23 - 24       | 25 - 26  | 27 - 28        | 29 - 30  | ≥31          | D.B. W.B.  | Dry Bulb       | Wet Bulb                                       | Dew Point    |
| 88/ 87    |     |            |              | . 1          | . 1      | •  | 1             |                  |          |                |              |  |               |  |                |  |              | 4  | 4              |  |              |
| 86/ 85    |     |            | 1            | -1           | - 4      |  | 1             |                  |          | <u> </u>       |              |  |               |  |                |  |              | 12   | 12             | L  | <u> </u>     |
| 84/ 83    |     |            | . 4          | 1.4          | 1.0      |  | 1             |                  |          |                |              | ľ  |               |  |                |  |              | 43   | 4 d            |  |              |
| 82/ 81    |     | 1          | 1.7          | 2.4          | 1.0      | _  | 1!            |                  |          |                |              |  |               |  |                |  |              | 90   | 00             |  |              |
| 80/ 79    |     | 1.3        | 5.9<br>11.0  | 4.3          | . 5      |  | 1 .1          |                  |          |                |              |  |               |  |                |  |              | 304  | 204            |  |              |
| 78/ 77    | 1   |            |              |              | . 8      |  | 1             | <b></b>          |          | <u> </u>       | <u> </u>     |  |               | <u> </u>   |                | <b> </b>   |              | 345  | 345            |  |              |
| 76/ 75    | . 5 | 7.2<br>5.5 | 5.7          | 1.0          |          |  |               |                  |          | ĺ              |              |  |               | ŀ  |                | 1  |              | 254  | 254            |  | 191          |
| 74/ 73    | - 7 |            |              | 100          | 2        |  |               |                  |          |                |              |  |               | ļ  |                | <del> </del>                                     | ļ            | 201  | -201           | 392  |              |
| 72/ 71    | . 6 |            | 4.2          |              | - 1      | Ì  | 1             |                  |          |                |              | 1  |               |  |                |  |              | 205  | 502            |  |              |
| 70/ 69    | 5   | 4.8        | 2.1          | -5           |          | <del> </del>                                     |               | <del> </del>     |          |                | <del></del>  |  |               |  |                | <del></del>                                      | <del> </del> | 134  | 1.34           | 241  | 239          |
| 68/ 67    | 1.1 | 2.5        | 1.7          | ,3           |          |  |               |                  |          | į              |              |  |               |  |                |  | •            | 95   |                |  |              |
| 66/ 65    | . 4 | 1.0        |              |              |          | <del>                                     </del> | +             | -                |          | <del> </del>   |              |  |               | <u> </u>   |                |  | <del> </del> | 42   | 42             |  |              |
| 64/ 63    | • 4 | 7 6 7      | .4           |              |          | l  | l l           |                  |          | ļ              | <b> </b>     |  |               | 1  |                | 1  | <b>,</b>     | 29   |                |  |              |
| 60/ 59    |     | , 2        |              |              |          | <del></del>                                      | 1             | i                |          |                | i —          |  | <del></del> - | <del>                                     </del> | l              | i  | i            | 3  |                |  |              |
| 58/ 57    |     | • 4.       |              |              |          |  | 1             |                  |          |                | İ            |  |               |  | !              |  | 1            | , ,  | , ,            | 1 1  | 15           |
| 56/ 55    |     |            |              |              | ·        | i  |               |                  |          |                |              |  |               |  |                |  |              |  |                |  | 3            |
| LATO      | 4.3 | 36.5       | 18.7         | 15.4         | 4.4      |  | 5 2           | 1                |          | l              |              |  |               | !  |                |  |              |  | 1679           | i  | 1678         |
|           |     |            |              |              |          |  |               |                  |          |                |              |  |               |  |                |  |              | 1678   |                | 1678   |              |
|           |     |            | ļ            |              |          | <u> </u>   |               | L                |          |                | ļ            | ļ  |               | ļ  | <u> </u>       | <del> </del>                                     | <u> </u>     | <u> </u>   | <u> </u>       | <del> </del>                                   | ļ            |
| 1         |     |            |              | l            | 1        |  | İ             |                  |          |                |              | ĺ  |               |  |                | !<br>  |              |  |                |  | 1            |
| ——        |     |            | <del> </del> |              | <u> </u> |  | +             | <del> </del>     |          |                |              |  |               | <del> </del>                                     |                |  | ├            | <del> </del>                                     |                | <del> </del>                                   | ļ            |
| į         |     |            |              |              | l        |  |               |                  | l        |                |              |  | ļ             | l  |                |  | l            |  |                |  | Ì            |
|           |     |            |              | <del> </del> |          | -  | +             | <del> </del>     |          | ├─-            |              | <del> </del>                                     | ├─            | ├──  | <del> </del> - | <del> </del>                                     | <del> </del> | <del> </del> -                                   | <del> </del> - | <del> </del> -                                 | <del> </del> |
|           |     |            |              |              |          |  |               | Ì                |          |                |              |  |               |  |                |  |              |  | į              | 1  | 1            |
|           |     |            | <del> </del> | <del> </del> | <b>-</b> | <del>                                     </del> | +             | <del> </del>     |          | <del> </del> - | <del> </del> | 1  | _             |  |                | <del>                                     </del> | <del> </del> | <del>                                     </del> | <del> </del>   |  |              |
| Į.        |     |            |              | !            |          | 1  |               |                  |          |                |              |  |               | 1  |                |  |              |  | Ì              | 1  | ļ            |
| i         |     |            | i            | <del> </del> |          | i —  |               |                  |          | f              |              | <del>                                     </del> |               |  |                | <u> </u>   | <u> </u>     | 1  | <del> </del>   |  |              |
| 1         |     |            |              |              | 1        |  |               |                  |          |                |              |  |               |  |                |  |              | 1  |                |  |              |
|           |     |            | <b>†</b>     |              |          | i  | 1             |                  |          |                | Ī            |  | <u> </u>      |  |                |  |              | T  | I              |  | I            |
|           |     |            |              | L            |          |  | <u> </u>      |                  |          |                |              |  |               |  |                |  |              | <u> </u>   |                | <u>i                                      </u> |              |
|           |     |            |              |              |          |  |               |                  |          |                |              |  |               |  |                |  |              |  |                | 1  | 1            |
|           |     | <u> </u>   |              |              | Ļ        | <u> </u>   | <del></del> _ |                  | <u> </u> | 1              | Ļ.,          | <u> </u>   | <u> </u>      | l  |                | <u> </u>   | L            | ļ <u>.                                    </u>   | <u> </u>       | J  | <u> </u>     |
| Rel. Hum. |     | Σχ'        |              |              | ZX       | -  | <u> </u>      | - F <sub>X</sub> |          | No. 01         |              | = 0  | e             | : 32 F   | Meon<br>e 67   |  | ours wit     | h Tempere  | 2 93           | <u> </u>                                       | Total        |
| Dry Bulb  |     |            | 4820         | <del> </del> | 1444     |  | 86.1          |                  |          |                | 78           | = 0  |               | : 32 F   | 88             |  | <u>/3 F</u>  |  |                |  |              |
| Wer Bulb  |     |            | 5047         |              | 1255     |  |               | 4.7              |          |                | 79<br>78     |  |               |  |                | -0   |              |  | 4              |  | 23           |
| Dew Point | _   | <u> </u>   | 2724         | <b>↓</b>     | 12C2     |  |               | 4.C              |          |                | 78<br>78     |  |               |  |                |  | 46.6<br>30.7 |  | 4              | <del></del> -                                  | 93           |

USAFETAC FORM 0.26-5 (OL A)

DATA PRICESSING BRANCH USAF ETAT AIR EATER SEIVICE (MAC

# PSYCHROMETRIC SUMMARY

43311 IL. Y IAP JAPAN/FLINSELL 47-60-67-69-.2 PACE 1 0900-1100

| Temp.       |             |                 |                |               |              | WFT | I BU!     | B 1  | FMPF    | ATUR   | DEPRE  | SSION  | F)             |  |  |  |              |  | TOTAL        | T        | TOTAL        |          |
|-------------|-------------|-----------------|----------------|---------------|--------------|-----|-----------|------|---------|--|--|--|----------------|--|--|--|--------------|--|--------------|----------|--------------|----------|
| (7)         | 0           | 1 . 2           | 3 · 4          | 5 . 6         | 7 - 8        |     |           |      |         |  |  |  |                | 23 . 24  | 25 - 26  | 27 . 28  | 29 . 30      | <b>₹31</b>                                       |              |          |              | Dew Poin |
| 92/ 91      |             |                 | <del> </del>   |               |              | 1   | <b></b> - | 1    |         |  | 17.7.0   | 17.1.10  |                |  | 1.3.1.0  | *****  |              | 1  |              |          | <del></del>  |          |
| 90/ 89      |             |                 | 1              |               | ١,           |     |           | . 2  | • 1     | l  |  |  |                | }  |  |  | ł            | Í  | 1 1 1        | 1 15     |              |          |
| 88/ 87      |             |                 | <del> </del> - |               | . 11         |     |           | _    | <u></u> | <del> </del>                                     | <del> </del> -                                   | <del> </del>                                     |                |  | <del> </del>                                     |  |              | <del> </del>                                     | 51           | 51       | <del> </del> |          |
| 86 / 85     |             |                 | 2              | 3 * '         | 40<br> -3.6  | 1 - | 1 1       | • 4  | • )     | ١.   | 1  |  |                | 1  |  |  | }            | 1  | 1 "          |          |              | 1        |
| 84/ 83      |             |                 | 1 1            | 4 4           |              |     |           | -41  |         |  | <del> </del>                                     |  |                | <del> </del>                                     | -  |  | <del></del>  | <del> </del>                                     | 171          | 171      | ·            |          |
| 62/ 81      |             | .4              | 1.1            | 6.8           |              |     |           | • 1  |         | 1  | 1  | 1  |                | }  | 1  | i  | 1            | 1  | 190          |          | 20           | 1        |
| 30/ 79      |             |                 |                |               |              |     | 2         | -4   | <b></b> | ┼  | 1  | <del> </del>                                     |                | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |              | <del> </del> -                                   |              | ,        |              |          |
| 78/ 77      | ,           | 1.5             |                |               | 2.           | ,   | ) (       | ۱.   | • 1     | ļ  | 1  | <u> </u>   |                | }  | }  | l<br>i   |              | i  | 220          | 220      | 247          |          |
| 76/ 75      |             |                 |                |               |              | ,   |           |      |         | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |                | <del> </del>                                     | +  |  |              | <del>                                     </del> | 175          |          |              |          |
| 74/ 73      | • i         | 2.1             |                |               |              |     | •         | - }  |         | 1  | ŀ  | ì  | i              | i  | i  | i  | i            | j '  | 132          | 175      | 281          |          |
| 72/ 71      | <del></del> | 2.4             |                |               |              |     | 4         |      |         | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |                | <del> </del>                                     | +  |  |              | <del> </del>                                     |              |          |              |          |
| 70/ 69      | د .<br>ا د  |                 |                |               |              | Ì   | Ì         | ļ    |         | 1  | l  |  | }              | l  |  |  | į            | 1  | 117          |          | 167          |          |
| 68/ 67      | . 4         |                 |                |               | -            | -   | +-        | -    |         | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> |                | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | <del> </del> | 1  | 52           | ,        |              |          |
| 66/ 65      | • •         | 9               |                | 1             | ļ            |     |           | 1    | 1       | i  | 1  | ł  | ļ              | 1  | 1  | 1  | 1            | [  | 1 24         | 1        | 78           |          |
| 64/ 63      | <br>3 •     |                 | ,              |               | <del> </del> | 1   |           | -    |         | <del> </del>                                     | <del> </del>                                     | <del></del>                                      | <del> </del> - | 1  | <del> </del>                                     |  | <del> </del> | <del> </del>                                     | 1 — 29<br>1  |          |              | ,        |
| 62/61       | • •         | 1               | 1 ••           |               | j            | ĺ   | j         | ı    |         |  | ļ  | ı  | 1              |  | 1  | ļ  | ĺ            | 1  | ! ',         | 1 2 3    | ,            | 47       |
| 60/ 59      |             | <b></b>         |                | i             | 1            | ·   | 1         | - 1  |         | 1  | <del> </del> -                                   | <u> </u>   | _              | <del>                                     </del> | 1  |  | <del> </del> | <del> </del>                                     | <del></del>  |          | 6            | l        |
| 58/ 57      |             | Í               | 1              | 1             | {            | 1   | -         |      | 1       | }  |  | 1  |                | 1  |  | ł  | ļ            | 1  | ļ            | l        | ١            | 1 4      |
| 56/ 55      |             |                 | 1              |               | _            | †   | 1-        | ` 1  |         | <del>                                     </del> | <del></del>                                      | <del> </del>                                     |                | +  | <del>                                     </del> | <del> </del>                                     | 1            |  | <del> </del> | <b></b>  |              | 3        |
| LATOT       | 1.7         | 13.9            | 24.2           | 31.0          | 18.4         | 7.  | 9 1       | . 31 |         |  | ı İ  | 1  | t              | 1  | ł  | 1  | ł            | }  | }            | 1077     | <b>{</b>     | 1675     |
| LELL        |             | 1               | 3              |               | 1            |     | -         | •    |         | -  | \ <del>\</del>                                   | -  |                | 1  | <del>                                     </del> |  |              | 1  | 1675         |          | 1675         |          |
|             |             | [               | ,              | Į.            | ļ            | ĺ   | 1         |      |         | į  | 1  | {  | ļ              |  | 1  | Į.   | ļ            | į.   | 1            | ł        | 10.5         | l        |
|             |             | 1               | 1              | 1             |              |     | <u> </u>  |      |         |  | T  | 1  |                | 1  | T  |  |              |  |              | <b> </b> |              | i        |
| i           |             | 1               | i              | 1             |              | 1   | 1         |      | }       | 1  | 1  | ļ  | 1              | 1  |  | }  | ĺ            | 1  | {            | ļ.       | }            | }        |
|             |             |                 |                |               |              | 1   | 1         |      |         |  | 1  | <del>                                     </del> |                | 1  | 1  | 1  |              | 1  |              | 1        | 1            | 1        |
| İ           |             | 1               | }              | i             |              | 1   | 1         |      | }       | 1  | 1  | 1  | ł              | İ  | 1  | 1  | }            | 1  | ļ            | i        | 1            | 1        |
|             |             |                 | 1              | - <del></del> |              |     | 1         |      |         | 1  | 1  |  | ·              | 1  | 1  |  |              | 1  |              | 1        |              | 1        |
| i l         |             |                 | <b>.</b> .     |               | İ            |     | {         |      |         |  |  | ł .  | 1              | 1  | }  |  | }            | 1  | <b>[</b>     |          | <u> </u>     | L        |
|             |             | Ţ <del></del> - | 1              |               |              |     | _         |      |         |  |  |  |                | 1  |  |  | T            | T  | 1            |          | 1            | 1        |
| i \         |             | <u> </u>        |                |               | <u> </u>     |     | _i_       |      | <u></u> | <u> </u>   | <u>.</u>   | 1_   | i              | 1  | <u> </u>   | L  | _            | 1  |              |          | L            | 1        |
|             |             |                 |                |               |              | T   | $\top$    |      |         | Ī  |  | 1  | T              | 1  | 1  |  |              |  | 1            | 1        |              |          |
| i İ         |             | i               | Ĺ              |               | L            |     |           |      |         |  |  |  |                | <u>L</u> _                                       | 1  | L  | <u> </u>     | 1  |              | <u> </u> | <u> </u>     | <u> </u> |
|             |             |                 |                | i             |              |     |           |      |         | T  |  |  | 1              | 1  |  |  | 1            |  |              |          |              |          |
| 1           |             | <u> </u>        | 1              |               | <u> </u>     |     |           |      |         |  | 1  |  | <u> </u>       | <u>L</u>   | 1  | <u> </u>   |              | 1  | <u> </u>     | 1        |              |          |
| Element (X) |             | Σχ'             |                |               | Σχ           |     | X         |      | •,      |  | No. O  | bs.  |                |  |  | Mean   | No. of I     | tours wit  | h Tempero    | ture     |              |          |
| Rel. Hum.   |             |                 | 2583           |               | 1310         | 509 |           |      | 9.3     |  | 16   | :75  | ± 0            | F  | ≾ 32 F   | ≥ 6  | 7 F          | ≥ 73 F   | ≥ 80 F       | × 93     | F            | Total    |
| Dr, Bulb    |             | 1036            | 7402           |               | 131          |     | 78        | . 4  | 5.      | 48   | 16   | 77   |                |  |  | 90   | . 8          | 78.2   | 43.          | 1        |              | 9.3      |
| Wet Bulb    |             |                 | 7138           |               | 1220         | 592 | 73        | .2   | 400     | 39   |  | 75   |                |  |  | 8.5  | .6           | 57.4   | 4.           | 2        |              | 9 }      |
| Dr v Point  |             |                 | 32482          |               | 118          |     |           |      | 4.      |  |  | 75   |                |  |  |  | .0           | 38.5   | 1            | 5        | 1            | 9.3      |

**-**

DATA PROCESSING BRANCH USAF ETAC AIR DEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

43311 IONY: IAP JAPAC/HINSHU 97-60:67:69-72 YEARS PAGE 1 1200-140

|             |  |  |              |              |             |              |                |         |              |   |               |       |              |               |  |             |                |              |              |               | L. S. T.)    |
|-------------|--|--|--------------|--------------|-------------|--------------|----------------|---------|--------------|---|---------------|-------|--------------|---------------|--|-------------|----------------|--------------|--------------|---------------|--------------|
| Temp.       |  |  |              |              |             |              |                |         |              |   | SSION (       |       |              |               |  |             | ,              | TOTAL        |              | TOTAL         | ·            |
| (F)         | 0                                      | 1 . 2                                    | 3 - 4        | 5 - 6        | 7 - 8       | 9 - 10       | 11 - 12        | 13 - 14 | 15 - 16      | 17 - 18                                       | 19 - 20       | 21 22 | 23 - 24      | 25 - 26       | 27 - 28                                      | 29 - 30     | ≥ 31           | D.B. W.B.    | Dry Bulb     | Wet Bulb      | Dew Point    |
| 96/ 95      |  |  |              |              |             |              | • 1            |         |              |   |               |       |              |               |  |             |                | 1            | 1            |               |              |
| 94/ 93      |  |  |              |              |             | 2            | 2              | 1       | 1            |   |               |       |              |               |  |             |                | 10           | 1            |               |              |
| 92/ 91      |  |  |              |              | . 2         | .7           | . 2            | . 2     |              |   | ) )           |       |              | )             | ] ]  | ·           |                | 23           | 23           |               | Ì            |
| 90/ 89      |  |  |              | 1            | . 6         | 1.0          | 1.1            | 4       | 3            | İ   |               |       |              |               |  |             | L              | 36           | <u> 58</u>   | <u> </u>      |              |
| 88/ 87      |  |  | . 2          | 1.1          | 2.1         | 3.9          | 2.1            | . 5     | .1           |   | i             |       |              |               |  |             |                | 159          | 169          | 1             |              |
| 86/ 85      |  |  | 2            | 2.4          | 5.7         | 4.9          | 1.1            | 2       |              |   |               |       |              |               | <u>                                     </u> |             |                | 244          | 244          | 1             | <u> </u>     |
| 84/ 83      |  |  | .4           | 3.5          | 5.0         | 2.7          | 8.             | . 3     |              | 1   |               |       |              | i i           |  |             |                | 230          | 230          | 20            | 1            |
| 82/ 81      |  | 3  | 1.2          | 4.5          | 3.3         | 3.2          | 4              | 1       |              |   |               |       |              |               |  |             |                | 219          | 219          | 54            | ·            |
| 80/ 79      |  | , 5                                      | 1.7          | 4.5          | 2.5         | 1.1          | . 2            | • 1     |              | .1  | 1 1           |       |              | 1             | i  |             |                | 162          | 182          | 146           | 51           |
| 78/_77      | 1                                      | ٤  | 3.2          | 3.6          | 2.3         | 1.1          | 2              | 1       |              | <u> </u>                                      |               |       |              |               | ļ.—  |             | <u> </u>       | 124          | 194          | 301           |              |
| 76/ 75      | . 3                                    | 1.3                                      | 2.3          |              | .9          | . 4          |                |         |              |   |               |       |              | 1             |  |             |                | 116          |              |               |              |
| 74/ 73      | 1                                      | 1.5                                      | 1.9          |              |             | 1            |                |         |              | <u> </u> -                                    |               |       |              |               |  |             |                | 94           |              |               | - 340        |
| 72/ 71      | . 2                                    | 1.1                                      | 1.6          | د ء          | . 4         | - 1          | • 1            |         |              | į   | i i           |       |              |               | [  |             | ĺ              | 67           |              | 1             |              |
| 70/ 69      |  | ئة مــــــــــــــــــــــــــــــــــــ | 5            |              |             |              | <b> </b>       |         |              |   |               |       |              |               |  | ļ           |                | <u>  26</u>  |              |               |              |
| 68/ 67      |  | . /                                      | . >          | • .          |             |              |                |         | İ            |   | i i           |       |              |               |  |             |                | 2.3          |              |               |              |
| 66/ 65      | -4                                     | i -                                      | 2            | 1            | 1           |              | <b> </b>       |         |              |   |               |       |              | <del> </del>  | <del> </del>                                 | <u> </u>    |                | 24           | 1            | 52            | 85           |
| 64/ 63      | • 7                                    | . 1                                      | . 4          |              |             |              |                |         |              |   |               |       |              |               |  |             |                | 7            | 7            | 2.5           |              |
| 62/_61      |  |  | <del> </del> | i            |             |              |                |         | ļ            |   | <del> </del>  |       |              | <del> </del>  | <del> </del> -                               |             |                | <del> </del> | <del> </del> | <del> 7</del> | 35           |
| 60/ 59      |  |  |              |              |             |              |                |         | ļ            | l   |               |       |              |               | 1  | ļ           |                | 1            | 1            | ,             | 2.2          |
| 58/_57      |  |  |              |              |             |              |                |         |              |   |               |       |              | <del> </del>  | <del> </del>                                 |             |                |              | <del> </del> |               | 6            |
| 56/ 55      |  | ļ  | ļ            | ļ            |             | ı            |                |         | l            |   | 1 1           | ı     |              | i             | ļ  | ļ           | ł              | į.           | į.           | l             | 1 3          |
| 54/ 53      |  |  | <del> </del> |              |             |              |                |         | -            |   | <del> </del>  |       |              |               | <del> </del>                                 |             | <del> </del>   | <del> </del> | <del> </del> | <del> </del>  | <del> </del> |
| 52/ 51      |  | ۱., ۵                                    |              | 22 -         | ا ب         |              | 5.8            | 2.0     | ,            | ١,  |               |       |              |               | İ  |             |                | ľ            |              | ĺ             | 1679         |
| UTAL        | 1.5                                    | 13.62                                    | 114-0        | 22.5         | 24.8        | 19.3         | 2.2            | -201    | 4            | <del>                                  </del> | <del>  </del> |       |              | <del></del> - | <del> </del>                                 | <del></del> |                |              | 1679         |               |              |
|             |  |  |              |              |             |              |                |         |              |   |               |       |              |               |  |             |                | 1679         |              | 1679          |              |
|             |  |  |              |              |             |              |                |         |              |   |               |       |              |               |  |             |                |              |              | 1             |              |
|             |  |  | ├            | <del> </del> | <u> </u>    |              | <del> </del> - |         |              |   |               |       |              |               |  |             | <del> </del> - | <del> </del> | ├            | -             |              |
|             |  |  |              |              |             |              | L              |         |              |   |               |       |              |               |  |             |                | <u></u>      | <u> </u>     |               |              |
|             |  |  |              |              |             |              |                |         |              |   |               |       |              |               |  |             |                |              |              |               |              |
|             | ······································ |  |              |              | <del></del> | <del> </del> | -              |         | <del> </del> |   |               |       | <del> </del> |               |  |             |                | <del> </del> |              |               |              |
|             |  |  |              |              |             |              |                |         |              |   |               |       |              |               |  |             |                |              |              |               |              |
| Element (X) |  | ΣX                                       |              |              | Σχ          |              | X              | ø,      |              | No. O   | bs.           |       |              |               |  |             |                | h Tempero    |              |               |              |
| Rel. Hum.   |  | 921                                      | 5161         |              | 1225        | 55           | 73.6           | 10.4    | 41           | 16  | 79            | ⊴ 0   | F            | ≤ 32 F        | ≥ 67   | F   3       | 73 F           | ≥ 80 F       | <b>* 93</b>  | F             | Total        |
| Dry Bulb    |  | 1114                                     | 9103         |              | 1354        | 63           | 80.9           | 5.7     | 36           | 16  | 79            |       | _            |               | 91   | -3          | 24.7           | 58.          | 9            | -4            | 6            |
| Wet Bulb    |  | 928                                      | 1103         |              | 1246        | 43           | 74.2           | 4.2     | 32           | 16  | 79            |       | _            |               | 87   | .5          | 65.2           | 7            | 4            | _             | 9.1          |
| Dew Point   |  | .558                                     | 9813         | 1            | 1198        | 51           | 11.4           | 4.5     | 39           | 16  | 79            |       |              |               | 80   | 6           | 41             | 1 2          | 2            |               |              |

0.26-5 (OL A) BENSED MENIOUS EGRICONS OF THIS FORM ARE O

TAC FORM 0.26.5 (OL

R R USAFETAC FORM 0-26-5 7L A) BEVISED MENOUS FOR ION'S FORM ARE CINCORTE

| DATA PROCESSING BRANCH  USAF ETAC  AIR EATHER SERVICE/LAC | PSY |
|---|-----|
|---|-----|

43311 TULY: TAP JAPA: /ISSE:

# PSYCHROMETRIC SUMMARY

|                  |              |              |              |              |  |              |                |  |                |  |                 |  |  |  |  |  |  | PACE   | . 1      | 1500<br>Hours ( | -1.70U        |
|------------------|--------------|--------------|--------------|--------------|--|--------------|----------------|--|----------------|--|-----------------|--|--|--|--|--|--|--|----------|-----------------|---------------|
| Temp             |              |              |              |              | •  | WET          | BULB           | TEMPE  | RATURE         | DEPRE  | SSION (         | F)   |  |  |  |  |  | TOTAL  |          | TOTAL           |               |
| (F)              | 0            | 1 - 2        | 3 - 4        | 5 · 6        | 7 - 8  | 9 - 10       | 11 - 12        | 13 - 14  | 15 - 16        | 17 - 18  | 19 - 20         | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31   | D.B. W.B.  | Dry Bulb | Wet Bulb        | Dev Point     |
| 96/ 95           |              |              |              |              |  |              | .1             |  |                | 1  | ì               |  |  | 1  |  |  | 1  | !  | 1        |                 |               |
| 94/ 93           |              |              |              |              |  | ļ            | 2              |  | ļ              | ļ  | <u></u>         |  |  |  |  |  | <u> </u>   | 4  | -4       | ļ               |               |
| 92/ 91           |              |              |              |              |  | . 6          | .6             |  |                | 1  | }               |  |  |  |  |  | <u> </u>   | 27   | 27       |                 |               |
| 90/89            |              |              |              |              | د  | 8            | 1.2            | +  |                | ↓  | İ               | ļ  |  | <u> </u>   |  |  | ļ  | 5.6  | 54       |                 |               |
| 88/ 87           |              |              |              | • 8          |  |              |                | • 3  | <b> </b>       |  |                 |  |  |  |  | •  |  | 101  | 101      | ł               |               |
| 86/ 85           |              |              | - 4          |              |  |              |                | 1  | ļ              | ļ  | <b> </b>        | <del> </del> -                                   |  |  |  |  | <del> </del>                                     | 216  | _216     | <u> </u>        |               |
| 84/ 83           |              |              | 1.1          | 4.5          |  |              |                |  | . 1            | . 1  |                 |  |  |  |  | ĺ  | ]  | 241  | 241      | 9               |               |
| 82/ 81           |              | 1            | 1.5          |              |  | 2.2          |                |  | <del> </del>   | <del> </del>                                     |                 | ├──  |  | <u> </u>   |  |  | <b> </b>   | 249  | 249      | ,               |               |
| 80/ 79           |              | . 8          |              | !            | 2.2  | 1            |                |  |                |  |                 | 1  | l  | 1  |  |  |  | 223  | 223      |                 | 49            |
| 78/ 77           | 2            | 1.4          | 4.1          | 4.2          | 111  |              |                | -1   | <del> </del>   | <del></del>                                      |                 | ļ  | <u> </u>   | <del> </del>                                     |  |  | ļ  | 192  | 192      | 304             | 115.          |
| 76/ 75           | • 1          |              | 2.6          | 1.7          |  |              | 1              |  |                | 1  | i               | 1  |  |  |  | 1  | 1  | 135  | 135      |                 |               |
| 74/ 73           | 2            |              |              | 1.1          | 3  |              |                | <b>├</b>   |                | ·  |                 | <del> </del>                                     | <u> </u>   | <del> </del>                                     |  | <u> </u>   | <del>                                     </del> | 89   | RQ       |                 | 369           |
| 72/ 71           | . 1          | 1.4          | 1.0          | • 1          | -1   | -1           | .              |  | İ              | Ì  |                 | l  |  |  |  |  |  | 58   | 58       |                 |               |
| 70/ 69           |              |              | a_I          |              | <del> </del>                                     | <del> </del> |                | -  | <del> </del>   |  |                 | <del> </del>                                     |  | <del> </del> -                                   |  |  | <del> </del>                                     | 24   | 24       |                 |               |
| 68/ 67           | . 1          |              | • 7          | • !          | • 1  |              |                |  |                | 1  |                 | Ì  | ļ  | 1  |  | ļ  |  | 36   | 36       | i               |               |
| 66/ 65           | _ <u>~</u> ? | 5            |              |              |  | <del> </del> | ╅───           | <del> </del>                                     | ┼              | ┪──  | <del> </del>    | <del> </del>                                     |  | ├──  | <del> </del> -                                   |  | ┼──-   | 17   | 17       |                 | 81            |
| 64/63            | . 1          | į            | • 1          |              |  | İ            | i              |  |                |  | ĺ               |  |  |  | Ì  |  |  | ]  | .3       |                 |               |
| 62/61            |              | <del> </del> | <u>.</u>     |              | <del> </del> -                                   | <del> </del> | <del> </del> - | ├─-  | ├─-            | -  | <del> </del>    | <del> </del>                                     |  | <del>                                     </del> |  |  | -  | <del>                                     </del> |          | 4               | <del></del> - |
| 60/ 59           |              |              |              |              | ļ  | 1            |                | Ì  | 1              |  |                 |  | ļ  |  |  |  |  |  |          | 6               | • •           |
| 58/ 57<br>56/ 55 |              |              | <del> </del> | <del> </del> | <del> </del>                                     | <del> </del> | <del> </del>   | <del> </del>                                     | ┼──            | ╁──  | <del> </del>    | <del> </del>                                     | <del>                                     </del> | <del> </del> -                                   |  |  | <del> </del>                                     |  |          |                 | 7             |
|                  |              | 10.0         | . 7 7        | b., .        | <br>   |              | ٠ .            |  | .,             | J,   | <u> </u>        | 1  |  | Į.   |  |  |  | ł  | 1671     |                 | 1,473         |
| -JIVI            | <u> </u>     | LULU         | 1.1.4.       | 20.2         | 2122   | 12.5         | 73.4           | 1  | 4              | <b></b>  | <del> </del>    | <del> </del>                                     | <del></del>                                      |  | <del> </del>                                     | <del>                                     </del> | 1  | 1/71   | 10/1     |                 | 1671          |
| j                |              | 1            |              |              |  |              | İ              |  |                |  |                 | l  |  |  |  |  | 1  | 1671   |          | 1671            |               |
|                  |              | <del> </del> |              | <del> </del> |  |              | <del> </del>   | -  | <del> </del>   | <del> </del>                                     |                 | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |  | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |          | <del> </del>    |               |
|                  |              |              |              |              |  | 1            | 1              |  | 1              |  |                 |  |  | 1  |  |  |  | ļ  |          |                 |               |
|                  |              | <del> </del> | <del> </del> | ٠            | <del>                                     </del> | <del> </del> | <del> </del>   | <del></del>                                      | <del> </del> - | <del>                                     </del> | <b></b>         | <del> </del>                                     |  |  |  |  | <del> </del>                                     |  |          | <del> </del> -  |               |
|                  |              |              |              | 1            |  |              |                |  |                |  | l               |  | ļ  | ]  |  | }  |  | i l  |          | j               |               |
|                  |              | <del></del>  | <del> </del> |              | <del>                                     </del> | 1            | 1              | <del>                                     </del> | 1              | 1  | † <del></del> - | <del>                                     </del> |  | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | $\dagger$  | t  |          | <del> </del>    |               |
|                  |              | i            | 1            | ĺ            | 1  |              |                |  |                | 1  |                 |  |  | 1  | 1  |  |  | 1  |          | l               | 1             |
|                  |              | <b>†</b>     | İ            |              | <b></b>  | 1            | 1              | † <del></del>                                    | 1              | <del>                                     </del> |                 | 1  |  | 1  |  |  | 1  | † <del></del> '                                  |          | 1               |               |
|                  |              |              |              |              |  |              | 1              |  |                |  |                 | 1  |  |  |  |  | 1  |  |          |                 |               |
|                  |              |              |              | <del> </del> | <del>                                     </del> |              |                | 1-   |                | <del> </del>                                     | <b></b>         | <del>                                     </del> |  | <del>                                     </del> | <del> </del>                                     |  | 1  | <del> </del> -                                   |          | <b></b>         |               |
| j                |              |              |              |              |  |              |                | 1  |                | 1  |                 |  |  |  | 1  |  | 1  |  |          |                 |               |
| Element (X)      |              | Σχ²          |              |              | Z X  |              | X              | σ,   |                | No. O  | s.              |  |  |  | Mean   | No. of t   | lours wit  | h Temperat                                       | 910      | ·               | <del>/</del>  |
| Rel Hum.         |              | 965          | 6205         |              | 1258   | 395          | 75.3           | 10.1   |                | 16   | 71              | ⊴ 0  | F  | ± 32 F   | ≥ 67   | F  | ≥ 73 F   | ≥ 80 F   | ≠ 93     | F               | Total         |
| Dry Bulb         |              |              | 6390         |              | 1344   |              |                | 5.4  |                | 16   | 71              |  |  |  | 91   | . 8  | 25.3   | 55.  | 7        | . 3             | 93            |
| Wet Bulb         |              | 924          | 5193         |              | 1241   | 12           |                | 3.5  |                | _16  | 71              |  |  |  | 38   | .1   | 67.7   | 6.   | ٤        |                 | 93            |
| Dew Point        |              | 851          | 5487         |              | 1197   |              |                | 4.2  |                |  | 71              |  | $\neg$   |  |  | . 3  | 43.2   |  |          |                 | 93            |

DATA PRICESSING RRANCH USAF ETAC AIR \*EATHER SEPVICE/MAC 4331) THEY TAP JAPAN/FINSHI 47-60-67-69-72

# PSYCHROMETRIC SUMMARY

| 31 41104   |             |              |                | ٠.           | ATTOR N  | -mc            |   |                |                |  |                |              |              |                | LAKS           |              |                |              |              | 14.0         | 4.11         |
|------------|-------------|--------------|----------------|--------------|--|----------------|---|----------------|----------------|--|----------------|--------------|--------------|----------------|----------------|--------------|----------------|--------------|--------------|--------------|--------------|
|            |             |              |                |              |  |                |   |                |                |  |                |              |              |                |                |              |                | PAG          | 1            | 1:00         | =2300        |
| Temp.      |             |              |                |              |  | WET            | BULB '                                  | TEMPE          | RATURE         | DEPRE  | SSION (        | F)           |              |                |                |              |                | TOTAL        |              | TOTAL        |              |
| (F)        | 0           | 1 - 2        | 3 - 4          | 5 - 6        | 7 - 8  |                | 11 - 12                                 |                |                |  |                |              | 23 . 24      | 25 . 26        | 27 . 28        | 29 . 30      | + 31           | D.B. W.B.    | Dry Bulb     |              | Dew Pa       |
|            |             | <u> </u>     | 1              | 1            | <del>                                     </del> | <del> </del> - | <del> </del>                            | 13 14          | 13 10          | 1  |                |              |              | 13 - 10        | 127 20         |              | 1              |              |              |              |              |
| 88/ 87     | ļ           |              | 1              | • 1          | .4   |                |   |                | 1              |  |                | ļ ļ          |              | }              | ŀ              | ì            | }              | 15           |              |              | 1            |
| 86/85      |             |              |                | 7            |  |                |   |                | <del> </del>   | <del></del> -                                    |                |              |              |                | <del> </del> - |              |                | 12           | 19           |              |              |
| 84/ 83     |             |              | . 9            | 2.4          | 1.4  | .6             | .2                                      |                | 1              | 1  |                | İ            |              |                | ł              |              |                | 101          | 101          | 1            | 1            |
| 82/_81     |             | 3            | 3.8            |              | 2.4  |                |   | ·<br>          | <u> </u>       | ļ  |                |              |              | ļ              |                |              |                | 223          | _223         | 9            |              |
| 80/ 79     |             | 1.8          | 8.7            | 6.9          | 1.5  | . 2            | . 2                                     | (              | Į              | l  |                |              |              | l              |                | i            | l              | 374          | 524          | 51           | 1            |
| 78/ 77     |             | 4.6          | 6.7            | 2.1          | 1.4  |                | 1                                       |                |                | <u> </u>   |                |              |              |                |                |              |                | 343          | 343          | 207          | 8            |
| 76/ 75     | . 3         | 5.3          | 5.7            | 2.6          | 1 . 7  |                |   | Ì              | )              | ]  |                | )            |              | ì              | 1              | i            | 1              | 249          | 249          | 436          | 24           |
| 74/ 73     | 3           | 2.6          | 3.             | 1.5          | 5  |                |   | ]              | 1              | 1  |                |              |              | <b> </b>       | Ì              | 1            |                | 125          | 135          |              |              |
| 72/ 71     | . 3         | 2.5          | 2.1            | 1.2          | . 0  | ,              |   |                |                |  |                |              |              |                | 1              | 1            | T              | 115          | 115          |              | 1            |
| 70/ 69     | 4           |              |                | 4            | 1  | 1              |   | Ì              |                | İ  |                |              |              | l              |                | ļ            | 1              | 68           | - 68         | 154          | 22           |
| 68/ 67     | . 2         |              |                | .1           |  | 1              |   |                | 1              | 1  |                | 1            |              | $\vdash$       | $\overline{}$  |              | 1              | 36           |              |              |              |
| 66/ 65     | • 4         |              | ••             |              | 1  | 1              | 1                                       | 1              | [              | 1  |                | 1            |              | }              | }              | 1            | 1              | 25           | ,            | 54           |              |
|            | <del></del> |              | 1              |              | !  | <del> </del>   | +                                       | !              | <del> </del>   | <del>                                     </del> |                | i            |              | ├──            | <del></del>    |              | <del> </del> - |              |              |              |              |
| 64/ 63     | • 5         |              |                | Į            | l  | į              | ļ                                       | ĺ              | ļ              | Į  | Į              | l            | ĺ            |                | ļ              | l            | Į              | 9            | 9            | _            |              |
| 62/61      |             | 1            | L              | <del> </del> |  | ·              | <del> </del>                            | <del> </del> - | <del> </del> - | <del> </del> -                                   |                | <del>-</del> |              | <del> </del>   | ┼              |              | <del> </del>   | <del> </del> | <u> </u>     | 13           |              |
| 50/ 59     |             | . 1          |                | 1            | ļ  | 1              | ļ                                       | Į.             |                | 1  |                | 1            |              | 1              | ,              | (            | ļ              | 1            | ] }          | , 4          | ; 2          |
| 58/_57     |             |              | <del> </del>   |              | ļ- <b></b> -                                     | -              | <del> </del>                            | <del> </del> - | <del> </del>   | <del> </del>                                     | ļ              | <del> </del> |              | <del> </del>   | <del> </del>   | ļ            | -              |              | ļ            | 1            | <del> </del> |
| 56/ 55     |             | ļ            | 1              |              | !  | ĺ              | 1                                       | ]              | }              | 1  | }              | i            | ļ            | 1              | 1              |              | l              |              |              | l            |              |
| ובבנם בבנו | _2,11       | 21.0         | 35.9           | 2300         | 144.2  | 3 2.1          | 8 مــــــــــــــــــــــــــــــــــــ | ;              | <del> </del>   | <u> </u>   | ļ. —           | <u> </u>     | <b> </b>     | <del> </del>   | <del> </del>   |              | ↓              | <u> </u>     | 1667         | <u> </u>     | 168          |
| 1          |             | ĺ            | I              | •            | ł  | Į.             | 1                                       | l              | į.             | l  | į              | l            | Į            | į .            | 1              |              | Į              | 1567         | 1            | 1687         | 1            |
|            |             | !            |                | !            | ļ <u>.</u>                                       |                | <u> </u>                                |                | <u> </u>       |  |                |              | !            |                | <u> </u>       |              | ļ              |              |              |              | <u> </u>     |
| - 1        |             |              | 1              |              | i  | 1              | 1                                       | 1              | 1              |  | 1              | ŀ            |              |                | 1              | 1            | 1              | ]            | 1            | 1            | 1            |
|            |             |              |                | ļ            |  | l              | 1                                       | Į              | ļ              | ļ  |                |              | [            | L              |                | l            | İ              |              |              | l            | <u> </u>     |
|            |             | [            |                |              | [  |                | 1                                       |                |                |  |                |              |              |                | Ţ              |              | [              | T            | [            |              |              |
| ļ          |             |              | 1              | 1            | ĺ  | 1              |   |                |                |  | ŀ              |              | ļ            |                | 1              | [            |                | ,            | i            |              |              |
|            |             |              | 1              | <del> </del> |  |                | <u> </u>                                | 1              |                |  |                |              | 1            | † ——           | 1              |              |                | 1            |              |              | 1            |
| ļ.         |             |              | !              | 1            | İ  | }              | 1                                       | }              | 1              | Ì  |                | [            | 1            | 1              | 1              | 1            | 1              | 1            | 1            | İ            | 1            |
|            |             |              | † <del></del>  | 1            | <del> </del> -                                   | 1              | 1                                       | 1              | <del> </del>   |  |                | 1            |              | 1-             | 1              | <del> </del> | +              | <del> </del> |              | <del> </del> | 1            |
| ]          |             |              | 1              | 1            |  | 1              |   |                |                |  |                | ]            | 1            | 1              | 1              | 1            |                | 1            | i            |              | 1            |
|            |             | <del> </del> | <del> </del>   | <del> </del> | <del> </del>                                     |                | <del> </del>                            | <del> </del>   | <del> </del>   | <del> </del>                                     | <del> </del> - | <del> </del> | <del> </del> | <del> </del>   | +              | -            | <del> </del>   | <del> </del> | <del> </del> | <del> </del> | <del> </del> |
| ł          |             | 1            | {              | 1            |  | 1              | 1                                       | {              | }              | i  | 1              | 1            | }            | 1              | {              | Ì            | 1              | 1            | [            | {            | }            |
|            |             | <del> </del> | <del> </del> - | <del> </del> | ├  |                |   | <del> </del>   | <del> </del>   | <del> </del>                                     | <del></del> -  | <del> </del> | <del> </del> | <del> </del> - | ╂              | <del> </del> | -              | <del> </del> | <del> </del> | <del> </del> | <del> </del> |
|            |             | 1            | 1              | 1            | }  | 1              | 1                                       | 1              | 1              | 1  | 1              | 1            |              | 1              | i              | 1            | •              | ì            |              | Ì            | 1            |
|            |             | ļ            | ļ              | ļ            | <b> </b>   |                |   | <del> </del>   | .\             | <del> </del>                                     |                | <del> </del> | <u> </u>     | <b>├</b>       | <del> </del>   | <u> </u>     |                | ļ            |              | ļ            | <b>↓</b>     |
| ]          |             |              |                |              |  | [              |   |                |                | ł  | 1              | l            |              | 1              | l              | l            | ĺ              | l            | 1            | 1            | l            |
|            |             | <u> </u>     |                | <u> </u>     | <u> </u>   |                |   |                | <u></u>        |  | <u></u>        | 1            | <u> </u>     |                | <u></u>        |              |                |              |              |              |              |
| lement (X) |             | Σχ'          |                | i            | Σχ   |                | <u>x</u>                                | •,             |                | No. O  | ·s.            |              |              |                | Mean           | No. of I     | tours wit      | h Tempero    | lure         |              |              |
| Rel. Hum.  |             | 1143         | 36695          | d            | 1388   | 319            | 82.3                                    | 8.2            | 208            |  | 87             | ≛ 0          | F            | ≤ 32 F         | ≥ 6            | F            | ≥ 73 F         | ≥ 80 F       | z 93         | F            | Total        |
| Dry Bulb   |             |              | 10447          |              | 1302   |                | 77.2                                    | 1              |                |  | 37             |              |              |                | 9:             | 9            | 78.8           | 30.          | 3            |              | 9            |
| Wet Bulb   |             | -            | 7794           |              | 1232   |                | 73.1                                    |                |                |  | 87             |              |              |                | 8é             |              | 50.2           |              | 3            |              |              |
| Dew Point  |             |              | 20831          |              | 1201   |                | 71.                                     |                |                |  | 87             |              | $\dashv$     |                |                | 9            | 41.6           |              | 3            |              |              |

USAFETAC FORM 0.26.5 (OL A)

TOUS EDITIONS OF THIS FORM ARE OKKOCETE

| DATA  | PROCESSING BRANCH   |
|-------|---------------------|
| USAF  | ETAC                |
| AIR 1 | EAT IFR SEPJICE/YAC |

# PSYCHROMETRIC SUMMARY

43311 TULY: 1AP JAPAN/FUNSHU 47-60-67-69-72 YEARS MONTH

PAGE 1 2100~2300

| Temp        |     |          |          |          |       |          | BULB 1  |                       |         |           |             |         |          |          |         |         |  | TOTAL     |          | TOTAL    |         |
|-------------|-----|----------|----------|----------|-------|----------|---------|-----------------------|---------|-----------|-------------|---------|----------|----------|---------|---------|--|-----------|----------|----------|---------|
| (F)         | 0   | 1 - 2    | 3 - 4    | 5 - 6    | 7 - 8 | 9 - 10   | 11 - 12 | 13 - 14               | 15 - 16 | 17 - 18   | 19 - 20     | 21 - 22 | 23 - 24  | 25 - 26  | 27 - 28 | 29 - 30 | ≥ 31   | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Pos |
| 86/ 85      |     |          |          | • 2      |       | . 1      |         |                       |         |           |             |         |          |          |         |         |  | 4         | 4        |          |         |
| 84/ 83      |     |          |          |          | . 1   | . 1      | 1       |                       |         |           |             |         |          |          | 1       |         |  | 16        | 16       |          |         |
| 82/ 81      |     | . 2      | 2.4      | 3.1      | .4    | .2       | i       |                       |         |           |             |         |          |          |         |         |  | 105       | 105      |          |         |
| 80/ 79      | j   | 2.4      | 9.6      | 3.7      | . 4   |          | ) :     | . 1                   |         | ) i       |             | ì       | ì        | }        |         |         | 1  | 306       | 306      | 15       | Ì       |
| 78/ 77      |     | 7.3      | 12.0     | 2.3      | .4    |          |         |                       |         |           |             |         |          |          |         |         | 1  | 371       | 371      | 128      |         |
| 76/ 75      | . 2 | 8.4      | 8.1      | 2.6      |       |          |         |                       |         |           |             | ļ       | į        |          | 1       |         |  | 319       | 319      | 421      | 22      |
| 74/ 73      | . 5 |          | 3.7      | 1.2      | .4    |          |         | . 1                   |         |           |             |         |          |          |         |         | 1  | 178       | 178      | 409      |         |
| 72/ 71      | . 3 | 5.5      | 2.6      |          |       |          |         |                       |         | ŀ         |             | - 1     |          |          |         |         |  | 157       | 157      | 261      | 34      |
| 70/ 69      | . 2 |          | 1.7      |          | .1    |          |         |                       |         |           |             |         |          |          |         |         | Ĭ  | 122       | 123      | 172      |         |
| 68/ 67      | 2   |          |          |          | •     |          |         |                       |         | :         |             |         |          |          |         |         |  | 49        | 49       | 124      | 14      |
| 66/ 65      | • 4 |          |          |          |       |          |         |                       |         |           |             |         |          |          |         |         | 1  | 41        | 41       | 74       |         |
| 64/ 63      | . 2 | . 6      | .1       |          |       |          |         |                       |         |           |             |         |          | <u> </u> |         |         |  | 15        | 15       | 60       |         |
| 62/ 61      |     | , 2      |          |          |       |          |         |                       |         |           |             |         |          |          |         |         | 1  | 4         | 4        | 17       |         |
| 60/ 59      |     | 1        |          |          |       | İ        |         |                       |         |           |             | ſ       |          | ]        |         |         | 1  | _ 1       |          |          | Ž       |
| 58/ 57      |     |          | 1        |          |       |          | i -     |                       |         |           |             |         |          |          |         |         | 1  |           |          | 1        |         |
| 50/ 49      |     |          |          |          |       |          |         |                       |         |           |             |         |          |          |         |         | l  | l i       |          |          |         |
| ITAL        | 2.1 | 36.3     | 42.0     | 17.0     | 2.1   | .4       |         | • 1                   |         |           |             |         |          |          |         |         | 1  |           | 1629     |          | 168     |
|             |     |          | - •      |          | "" "  | •        |         | '                     |         | i         |             |         |          |          |         |         |  | 1688      | 10/-1    | 1688     |         |
|             |     |          | Ī —      |          |       | 1        | 1       |                       |         | Γ <u></u> |             |         |          |          |         |         |  |           |          |          |         |
|             |     |          | <u> </u> |          |       | ļ        |         |                       |         | <u> </u>  |             | 1       |          |          |         |         | 1  |           |          |          | ļ       |
|             |     |          | 1        | Ĭ        | Ī     |          |         |                       |         |           |             |         |          |          |         |         |  |           |          |          |         |
| ļ           |     |          |          | ,        |       | ĺ        |         | ļ                     |         | )         |             |         |          |          |         |         |  |           |          |          |         |
|             |     |          |          | 1        | Ī     | ĺ        |         |                       |         | i         |             |         |          |          |         |         |  |           |          |          |         |
| Ì           |     |          | ļ        |          | 1     | 1        | )       | )                     | 1       | j         |             |         |          |          |         |         | 1  | •         |          |          | 1       |
|             |     |          |          | Γ        | Ī     |          |         |                       | i       |           |             |         |          |          |         |         | 1  |           |          |          |         |
|             |     |          | 1        |          | İ     | l        | 1       | !                     |         | ĺ         |             |         |          |          |         |         |  |           |          |          |         |
|             |     |          | 1        | 1        | 1 -   | 1        |         |                       |         | T         |             |         |          |          |         |         | <del>                                     </del> |           |          |          |         |
|             |     |          |          |          | ļ     |          |         |                       | İ       |           |             |         |          |          |         |         |  |           |          | 1        | 1       |
|             |     | <u> </u> |          |          | 1     | ļ        |         |                       |         |           |             |         |          |          |         |         | 1  |           |          |          |         |
|             |     |          | 1        |          |       |          |         |                       |         |           |             |         |          |          |         |         | İ  |           |          |          |         |
|             |     | ····-    |          | i—-      | Ī     |          |         |                       | i       |           |             |         |          | I        |         |         | 7  | I         |          |          |         |
|             |     |          |          |          |       |          | I       |                       |         |           |             |         |          |          |         |         | 1  |           |          |          |         |
|             |     |          | I        | <u> </u> |       |          |         |                       |         | i         |             |         |          |          |         |         | T  |           |          |          |         |
|             |     | <u> </u> | <u> </u> |          | 1     | <u> </u> | <u></u> |                       |         | l         |             |         |          | <u> </u> |         |         | <u> </u>   |           |          |          |         |
| Element (X) |     | ΣX²      |          |          | Σχ    |          | X       | <b>₽</b> <sub>K</sub> |         | No. Ol    |             |         |          |          |         |         |  | h Tempera |          |          |         |
| Rel. Hum.   |     |          | 6163     |          | 1452  |          | 86.1    |                       |         | 16        |             | = 0 1   | <u> </u> | ≤ 32 F   | ≥ 67    |         | ≥ 73 F   | ≥ 80 F    | z 93     | F .      | Total   |
| Dry Bulb    |     |          | 8876     |          | 1214  |          | 75.5    |                       |         | 16        | <u>89  </u> |         | _        |          | 89      | -6      | 71.5   | 13.       | 8        |          |         |
| Wet Bulb    |     |          | 4462     |          | 1220  | 88       | 72.3    | 3.7                   | 88      | 16        |             |         |          |          | 84      | .3      | 53.6   |           | 4        |          |         |
| Dew Point   |     | 852      | 1/48     | 1        | 1197  | 40       | 70.9    | 4 0                   | 64!     | 16        | 88          |         | 1        |          | 79      | . 4     | 38.2   | 1         |          | 1 -      | •       |

DATA PROCESSING BRANCH USAF ETAC AIR FEATHER SERVICEZHAC

### **PSYCHROMETRIC SUMMARY**

43311 16MY JAP JAPAN/HUNSH

47-60,67-72

PACE 1

0000-0200 HOURS (L. S. T.)

| - 1          |     |          |              |           |          | WE T     | 0111 0 3 |          |         | DEDDE    | CCION (    | E١       |         |               |            |          |              | TOT41              | <del></del> | TOTAL    |             |
|--------------|-----|----------|--------------|-----------|----------|----------|----------|----------|---------|----------|------------|----------|---------|---------------|------------|----------|--------------|--------------------|-------------|----------|-------------|
| Temp.<br>(F) | 0   | 1 - 2    | 3 - 4        | 5 - 6     |          |          |          | 13 - 14  |         |          |            |          | 22 2    | 26 20         | 22 00      | 20 00    | 1            | TOTAL<br>D.B. W.B. | De., 911    |          | Day P.      |
|              |     | 1 - 2    |              |           | 7 - 8    |          | 11 - 12  | 13 - 14  | 15 - 16 | 17 - 18  | 19 - 20    | 21 . 22  | 23 - 24 | 25 - 26       | 27 - 28    | 29 - 30  | 7 731        |                    |             |          | DEW FOI     |
| 84/ 83       |     | ١        | . • <u>!</u> | 1         |          | - 1      |          |          |         | •        |            |          |         |               |            |          |              | 4                  | 4           |          |             |
| 82/81        |     | 1.6      | 5.3          |           | . 2      | 1        |          | -        |         |          |            |          |         |               |            |          | <del> </del> | 107                | 137         |          | ļ           |
| 80/ 79       |     | 6.0      | 10.0         | 5.2       |          | . 1      | • 1      |          |         |          |            |          |         |               |            |          |              | 499                | 498         |          |             |
| 78/ 77       |     | 13.1     | 11.4         | 3.7       |          |          |          |          |         |          |            |          |         | <u> </u>      |            |          |              | 515                | 516         |          |             |
| 76/ 75       | ٤.  | 6.0      | 3.3          | 3.3       | 2        | - 1      |          |          |         |          |            |          |         | ĺ             |            |          |              | 533                | 233         |          |             |
| 74/ 73       | 3   |          |              |           |          | 1        |          |          |         | <u> </u> |            |          |         |               |            |          | <del> </del> | 139                | 139         |          |             |
| 72/ 71       | . 8 |          | 1.8          | • 5       | . 1      |          | • 1      |          |         |          |            |          |         | l             |            |          |              | 111                | 111         |          |             |
| 70/ 69       | 2   | -        | بملا         |           |          | 1        |          |          |         |          |            |          |         |               |            |          | <del> </del> | 45                 | 45          |          |             |
| 63/ 67       |     | 1.2      |              | • 1       | • 1      |          |          |          |         | 1        |            | ĺ        |         |               | i          |          |              | 24                 | 2 8         | 1        |             |
| 66/ 65       | 2   |          |              | ļ         |          | <u> </u> |          |          |         | ļ        | ļ          |          |         | <u> </u>      |            |          |              | 3                  | 9           |          | 6           |
| 64/ 63       | . 1 | .2       |              |           |          |          |          | li       |         |          |            | i        |         |               |            |          |              | ٠ '                | 5           |          |             |
| 62/61        |     | Z        | ļ            |           | Į        | ļ        |          |          |         |          |            |          |         | <u> </u>      |            |          | <del> </del> | <u>├</u>           | 3           | <u> </u> | ·           |
| 60/ 59       |     |          | ļ            | į         |          |          | 1        |          |         | 1        | i          | ļ        |         |               |            |          |              | ļ                  |             | ?        | 1           |
| 58/ 57       |     |          | ļ            |           |          | <u> </u> | ļ        |          |         | <b> </b> |            |          |         |               | ļ          |          | <del> </del> |                    | ļ           | ļ        | <u>-i</u> - |
| 56/ 55       |     | l        | Į            | [         |          | į        |          |          |         | l        | İ          | l        |         | {             |            |          |              | !                  | į           | [        | l           |
| 54/ 53       |     | <u> </u> | ļ            |           | l        | L        | ļ        |          |         | ļ        |            |          |         |               |            |          | ↓            |                    |             | <u> </u> | ļ           |
| 52/ 51       |     | 1        | 1            |           | i        |          | ļ        |          |         | ł        |            | ł        |         |               |            |          | i            |                    |             |          |             |
| UTAL         | 2.1 | 3        | 13.8         | 15.       | 2.1      | 4        | 2        |          |         | <u> </u> |            | <u> </u> |         | <del> </del>  | ļ          |          |              | <b> </b>           | 1778        |          | 177         |
|              |     | Ì        | ì            |           |          |          |          | i        |         |          | i          | ļ        |         |               |            |          |              | 1773               |             | 1778     | i           |
|              |     |          | ļ            |           | ļ        |          | <u> </u> |          |         | ļ        | ļ          | ļ        |         | <del>  </del> | ļ          |          | ļ            |                    |             | ļ        | ļ           |
|              |     |          |              |           |          |          |          |          |         | İ        |            | ŀ        |         |               |            |          | 1            |                    |             | ļ        | i           |
|              |     | <u> </u> | L            |           | <u> </u> | L        | ļ        |          |         | <u> </u> | Ļ          | ļ        |         |               |            |          | <u> </u>     |                    | ļ           | <u> </u> | <u> </u>    |
|              |     | 1        | 1            | l         |          |          | -        |          |         |          |            |          |         |               |            |          |              |                    |             |          |             |
|              |     | L        | <u> </u>     | <b></b> . | <u> </u> |          | <u> </u> |          |         | <u> </u> |            |          |         |               |            |          | J            | <u> </u>           | ļ           |          | ļ           |
|              |     | i        |              |           |          |          | 1        | l i      |         | 1        | <u> </u>   |          |         |               | <b>i</b> , |          | 1            |                    | 1           |          |             |
|              |     | <b>!</b> | <u> </u>     |           | L        | <u> </u> | ļ        |          |         | <u> </u> |            | <u> </u> |         |               |            |          |              |                    |             | ļ        | <u> </u>    |
|              |     | 1        |              | 1         |          |          | 1        | 1        |         | 1        | 1          | 1        |         | 1             |            |          | 1            |                    | 1           | İ        |             |
|              |     | <u> </u> | <u> </u>     |           | L        |          | <u> </u> |          |         | <u> </u> |            | <u> </u> |         | <u> </u>      |            |          |              |                    |             |          | <u> </u>    |
| 1            |     | 1        | }            | 1         | i        |          | 1        | 1 1      |         |          | 1          | 1        | 1       | 1             | 1          | }        | 1            | }                  | 1           | 1        | 1           |
|              |     | <u> </u> | <u> </u>     | l         | L        |          |          |          |         | <u> </u> |            |          |         |               | <u> </u>   |          | J            | <u> </u>           |             |          |             |
| _            |     | 1        |              |           |          |          | 1        | 1 7      | _       |          | 1          | 1        |         | 1 -           | 1          |          |              |                    |             |          |             |
|              |     | <u> </u> | <u> </u>     |           |          | L        | <u></u>  | <u> </u> |         | <u> </u> |            |          |         |               |            |          |              |                    |             |          |             |
|              |     |          |              |           |          | 1        |          |          |         | i        | ]          |          |         |               |            |          |              |                    |             |          |             |
|              |     |          |              |           |          | <u>L</u> | <u> </u> |          |         | 1        |            |          |         | L             |            | <u> </u> |              |                    |             | <u> </u> |             |
| Element (X)  |     | Σχ²      |              |           | Σχ       |          | X        | ₹,       |         | No. Ol   |            |          |         |               | Mean I     |          |              | h Tempera          | ture        |          |             |
| Rel. Hum,    |     | 1327     | 0979         |           | 1531     | 53       | 86.1     | 6,6      | 56      | 17       | <b>7</b> 8 | ± 0      | F       | ≤ 32 F        | z 67       | F        | ≥ 73 F       | ≥ 80 F             | 93          | F        | Total       |
| Dry Bulb     |     | 1057     | 3024         |           | 1369     | 78       | 77.0     | 3.3      |         | _17      | 78         |          |         |               | 92         | _الــ    | 22.5         | 21.                | 8           |          | 9           |
| Wet Bulb     |     | 972      | 6383         |           | 1313     | 77       | 73.9     | 3.2      | 61      | 17       | 78         |          |         |               | 89         | الم      | 68.1         |                    | 4           |          | 8           |
| Dew Point    |     |          | 6946         |           | 1239     |          |          | 3.6      |         |          | 78.        |          |         |               | 0.0        | . 8      | 57.6         |                    |             |          |             |

USAFETAC FORM 0-26-5 (OLA)

DATA PROCESSING RANGH-USAF ETAC AIR WEATHER SERVICE/PAC

EDITIONS OF

25V13E

0.26.5 (OL

#### **PSYCHROMETRIC SUMMARY**

43311 1UKY: IAP JAPAN/EUNSHU 47-50-67-72 YEARS MONTH

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 76 27 - 28 29 - 30 21 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 82/ 81 .2 1.0 1.5 61 61 . 1 • 1 50/ 79 131 70 78/ 77 .114.612.1 2.6 522 322 1.211.9 5.9 76/ 75 607 387 360 359 74/ 73 1.1 4.6 3.7 403 523 180 130 72/ 71 4.4 2.4 14/ 239 297 73 70/ 69 2.2 1.2 72 157 216 . 1 119 68/ 57 60 66/ 65 61 70 13 13 - 1 64/ 63 41 14 62/ 61 13 60/ 59 58/ 57 56/ 55 4 54/ 53 2 TOTAL 3.645.239.010.7 1.1 1762 1762 1762 ΣX No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ± 0 F ⊴ 32 F 267 F 273 F 280 F 293 F Total 87.8 6.439 1762 13656333 154/17 76.0 3.334 Dry Bulb 10201776 134020 1764 92.0 78.2 اورو Wet Bulb 73.3 3.285 129072 1762 87.9 9473926 63. Dew Point 9172946 126970 1762 85

| DATA PRUCESSING BRANCH<br>USAF ETAC<br>AIR EATER SERVICE/MAC | PSYCHROMETRIC SUMMARY |
|--|-----------------------|
|--|-----------------------|

43311 THEY LAP JAPAN / HINSEL

() 00-0800 HOURS (L. S. T.) PACE 1

| Temp            |     |              |  |              |  |              | BULB .   |  |              |          |  |         |          |              |         |          |         | TOTAL  | L             | TOTAL  |             |
|-----------------|-----|--------------|--|--------------|--|--------------|--|--|--------------|----------|--|---------|----------|--------------|---------|----------|---------|--|---------------|--|-------------|
| (F)             | 0   | 1 - 2        | 3 - 4  | 5 - 6        | 7 - 8  | 9 - 10       | 11 - 12  | 13 - 14  | 15 - 16      | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 24  | 25 - 26      | 27 - 28 | 19 - 30  | ≥ 31    | D.B. W.B.  | Dry Bulb      | Wet Bulb   | Dew Point   |
| 88/ 87          |     |              |  | • 1          | . }  |              |  |  | . 1          |          |  |         |          |              |         |          |         | 4  | 4             |  |             |
| 86/ 85          |     |              | 1  | 6            | - 2  | . 2          |  | <u> </u>   | ļ            |          |  |         |          |              |         |          |         | 13   | 19            | <b></b>  |             |
| 84/ 83          |     | ļ            | , 3  |              |  | . 5          | 1  |  | ļ            |          |  |         |          |              |         |          |         | 13   |               |  |             |
| 82/81           |     | - 4          | 4.0  | 5.1          | 1.2  | 1            | 1  | 1  | ļ            | <u> </u> |  |         |          |              |         |          |         | 209  | 202           |  | ļ           |
| 80/ 79          |     |              | 11.1   |              |  | . 2          | ł  |  | ļ            |          |  |         |          |              |         |          |         | 344  |               |  |             |
| 78/ 77          |     |              | 10.5   |              |  | 1            |  |  | ļ            |          |  |         |          |              |         |          | <b></b> | 422  |               |  |             |
| 76/ 75          | .7  | 7.4          | 6.1  | 2.0          | .2   | - 1          | .1   | İ  |              |          |  |         |          |              |         |          |         | 287  |               |  |             |
| 74/ 73          | - 4 |              | 3.7  |              |  | 1            | 1  | 1  | 1            |          |  |         |          |              |         |          |         | 165  |               | 1  | 7           |
| 72/ 71          |     |              | 1.3  |              | . 5  | ì            |  |  | l            | }        |  |         |          |              |         |          | ļ       | 104  |               |  |             |
| 70/ 69          | 3   |              |  |              | 1  |              |  | <u> </u>   |              |          |  |         |          |              |         |          |         | 70   |               |  |             |
| 68/ 67          | • 1 |              |  | • 1          |  |              |  |  |              |          |  |         |          |              |         |          |         | 29   |               |  |             |
| 66/ 65          |     | 5            |  |              |  |              |  | ├  |              |          |  |         |          |              |         |          |         |  |               |  |             |
| 64/ 63          |     | . 3          | İ  |              |  | İ            |  |  |              |          | <br>   |         |          |              |         |          |         | ۲,   | 5             | 34   |             |
| 62/ 61          |     |              | <del> </del>                                     |              |  | <del> </del> | <del> </del> -                                   | <del> </del>                                     |              |          |  |         |          | <u> </u>     |         |          |         | <del> </del>                                     | <del> </del>  |  | 19          |
| 60/ 59          |     |              |  |              |  |              | ļ  |  |              |          |  |         |          |              | i       |          |         |  |               | 3  | 17          |
| 58/ 57          |     |              |  | <b> </b> -   |  | <del> </del> | <del> </del> -                                   |  |              |          | <del> </del>                                     |         |          | <del> </del> |         |          | ├       | <del> </del>                                     | <del></del> - | <del>                                     </del> |             |
| 56/ 55          |     |              |  |              |  |              |  |  |              |          |  |         |          |              |         |          |         | 1  | 1             |  | 2           |
| 52/ 51          |     |              | <del> </del>                                     | <del> </del> |  | <del> </del> | <del> </del> -                                   |  |              |          | <del>                                     </del> |         |          |              |         |          |         | <del> </del>                                     |               | <del>                                     </del> | 2           |
| 50/ 49<br>TOTAL |     | 21 8         | D 12 6   | 21.4         | 1 6  | , ,          | ١٠,  | ١,   | ٠,           |          |  |         |          |              |         |          |         |  | 1750          |  | 1749        |
| LUI AL          |     | 31 * 8       | تعوي   | 21.4         |  |              |  |  |              |          | <del>                                     </del> |         |          |              |         |          | -       | 175C   |               | 1750   | 1132        |
|                 |     |              |  |              |  |              | i  |  | ļ            |          |  | ĺ       |          | ļ            | ì       |          |         | 1,100  |               | 1  | Ί           |
|                 |     | <del> </del> | <del>                                     </del> |              |  | <del></del>  |  | <del>                                     </del> | <del> </del> |          |  |         |          |              |         |          |         | <del>                                     </del> |               |  | <del></del> |
|                 |     |              | ĺ  |              |  |              | 1  |  |              |          | }  |         |          |              |         |          |         | 1  |               |  |             |
|                 |     | <del> </del> |  | !            |  |              | i –  |  |              |          | ! —  | i       |          |              |         | <u> </u> |         |  |               |  | 1           |
|                 |     |              | )  |              |  |              |  |  |              |          | ļ  |         |          | · '          |         |          |         | İ  | ļ             |  |             |
|                 |     |              | $\vdash$   | <del> </del> | <del>                                     </del> |              | <del>                                     </del> |  |              |          |  |         |          | i            |         |          |         |  |               |  | <del></del> |
| ļ               |     |              |  |              |  |              |  |  |              |          | ļ  |         | ļ        |              | [       |          |         |  | i _           |  |             |
| i               |     |              | 1  | <del> </del> | T  | i            | T  |  | ·            |          |  |         |          | İ            |         |          |         |  |               |  |             |
| ļ               |     |              |  |              |  |              | 1  |  |              |          |  |         | 1        |              |         |          | 1       |  | l             |  |             |
|                 |     |              |  |              | 1  |              | Ī  |  |              |          |  |         |          |              |         |          |         |  |               |  |             |
|                 |     |              |  | Į            |  |              |  |  |              |          |  |         |          |              | l       |          |         | l  | <u></u>       |  |             |
|                 |     |              |  |              |  |              |  |  |              |          |  |         |          |              |         |          |         |  |               |  |             |
|                 |     |              |  |              |  |              |  |  |              |          |  |         | <u> </u> |              |         |          |         |  | <u> </u>      |  |             |
| Element (X)     |     | Σχ²          |  |              | ZX   |              | X  | •,   |              | No. O    |  |         |          |              |         |          |         | h Tempera  |               |  |             |
| Rel. Hum.       |     |              | 1.204  |              | 1484   |              | 94.9   |  |              |          | 511  | ± 0     | F :      | ± 32 F       | ≥ 67    |          | 73 F    | > 80 F   |               | f  | Total       |
| Dry Bulb        |     | 1092         | 5227   |              | 1349   |              | 77.1   |  |              |          | 50   |         |          |              | 92      |          | E1.4    | 25.  | 2             |  | 93          |
| Wet Bulb        |     | 949          | 1161   | 1            | 1287   | 39           | 73.6   | 3.4  | 20           | 17       | 50   |         |          |              | 88      | ا7،      | 64.4    |  | 4             |  | - 23        |
| Dew Point       |     |              |  |              |  |              |  |  |              |          | 49   |         |          |              |         | .9       |         |  |               |  | 9           |

DATA PROCESSING PRANCH USAF ETAC AIR MEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMAR

43311 TAKYE TAP JAPAN/PINSHU 47-60.67-72 PAGE 1 0900-1100

| <del></del>                |            |       |                  |              |       | WET  | BULB 1 | ENDED          | ATHRE       | DERRI    | CCION    | (E)      |         |         |           |             |           | TOTAL  |            | HOURS (  |              |
|----------------------------|------------|-------|------------------|--------------|-------|------|--------|----------------|-------------|----------|----------|----------|---------|---------|-----------|-------------|-----------|--|------------|----------|--------------|
| Temp<br>(F)                | 0          | 1 - 2 | 3 - 4            | 5 - 6        | 7 - 8 |      |        |                |             |          |          |          | 23 - 24 | 25 - 26 | 27 - 28 2 | 29 - 30     | z 31      | D.B. W.B.  | Dry Bulb   |          | Dew Poin     |
| 94/ 93<br>92/ 91           |            |       |                  |              | 1     | . 3  | . 1    | • 1            | . 1         | . 1      |          |          |         |         |           |             |           | 4  | 4          |          |              |
| 90/ 89<br>88/ 87           |            |       | 1                | .1           | 2.8   | 1.0  |        | . 3            | • 1         | . 1      | 1        |          |         |         |           |             |           | 129  | 120        |          |              |
| 86/ 85<br>84/ 83           |            |       | , . 1            | 4.9          |       | 3.9  |        | . 1            |             | . i      |          |          |         |         |           |             |           | 29r<br>289                                       | 290        | 1        |              |
| 82/ 81                     |            | ۋ.    |                  | 8.7          |       | 1.3  | • 3    | • 1            |             |          |          |          |         |         |           |             | <br> <br> | 306  | 306        | 47       | ()<br>()     |
| 78/ 77                     | . 1        | 2.1   | 3.3              | 3.1          | 1.3   | .5   | 2      | • 1            | . 1         |          |          |          |         |         |           |             |           | 229<br>186                                       | 229<br>186 | 456      | 231          |
| 76/ 75                     | - 4<br>• 1 | 1.6   | . 9              |              | .5    | .1   | 1      |                |             |          |          |          |         |         |           |             |           | 114  | 114<br>66  |          |              |
| 72/ 71<br>70/ 69           | 1          | 1.5   | .1               | -1           | ر.    |      |        |                |             |          |          |          | ļ       |         |           |             |           | 74   | 48<br>25   |          | 233<br>194   |
| 68/ 67<br>66/ 65           | <u>-1</u>  | . 3   | •2               |              |       |      |        |                |             |          | -        |          |         |         |           |             |           | 12   | 12         | 29       |              |
| 64/ 63                     |            | 1     | ļ                |              |       |      |        |                |             |          |          |          |         |         |           |             |           | <del>                                     </del> |            | <u>3</u> | 35<br>21     |
| 60/ 59<br>58/ 57<br>56/ 55 |            |       |                  |              |       |      |        |                |             |          |          |          |         |         |           |             |           |  |            |          | 12<br>(<br>1 |
| 54/ 53<br>52/ 51           |            |       |                  |              |       |      |        |                |             |          |          |          |         |         |           |             |           |  |            |          | 1            |
| TOTAL                      | 1.1        | 10.7  | 17.1             | 31.9         | 23.3  | 11.4 | 2.7    | 1.1            | .4          | • 3      | , 1      |          |         |         |           |             |           | 1761   | 1761       | 1761     | 1761         |
|                            |            |       |                  |              |       |      |        |                |             |          |          |          |         |         |           | <del></del> |           |  |            |          |              |
|                            |            |       |                  |              |       |      |        |                |             |          |          |          |         |         |           |             |           |  |            |          |              |
|                            |            |       | <br><del> </del> |              |       |      |        |                |             | <u> </u> |          |          |         |         |           |             |           |  |            |          |              |
| Element (X)                |            | Σχ²   |                  | ļ            | Σχ    |      | X      | σ <sub>8</sub> |             | No. O    | bs.      | <u> </u> |         |         | Mean N    | o. of H     | ours wit  | h Tempera  | ture       |          |              |
| Rel. Hum.                  |            |       | 6237             | <del> </del> | 1345  | 95   | 76.4   | 9.7            | <del></del> | 17       | 151      | ⊴ )      | F       | ≤ 32 F  | ≥ 67      |             | 73 F      | ≥ 80 F   | ≥ 93       | F        | Total        |
| Dry Bulb                   |            |       | 5196             | 1            | 143   |      | 81.3   |                |             |          | 761      |          |         |         | 92        | 6           | 38.       | 62   | 6          | - 2      | <b>G</b> 1   |
| Wet Bulb                   |            |       | 4582             |              | 1326  |      | 75.3   |                |             |          | 161      |          |         |         | 90        | ,           | 73.4      |  | -1         |          | 93           |
| Dew Point                  |            |       | 4567             |              | 1283  | 55   | 72.1   | 4.0            | 65          |          | <u> </u> |          |         |         | 85        | الم         | • 7 8     | 1  | 1          |          | ej i         |

DATA PROCESSING BRANCH USAF ETAG AIR EATHER SERVICE/MAG

### PSYCHROMETRIC SUMMARY

| 43311<br>STATION | . 111       | ∡.Y            | 1 249 | UMF E       | TATION N     | IAME           | <u> </u>   |              |                | 47.5                                   | 0.00   | 1-1/          |  | YE   | ARS           |         |                |                |          | мо           | , ∤€<br>NTH  |
|------------------|-------------|----------------|-------|-------------|--------------|----------------|--|--------------|----------------|--|--|---------------|--|--|---------------|---------|----------------|----------------|----------|--------------|--------------|
|                  |             |                |       |             |              |                |  |              |                |  |  |               |  |  |               |         |                | ያልሩ (          | E 3      | _1200        | - l          |
| Temp             |             |                |       |             |              | WET            | BULB   | TEMPE        | RATURE         | DEPR                                   | ESSION (   | F)            |  |  |               |         |                | TOTAL          |          | TOTAL        | _            |
| (F)              | 0           | 1 - 2          | 3 - 4 | 5 - 6       | 7 - 8        | 9 - 10         | 11 - 12  | 13 - 14      | 15 - 16        | 17 - 18                                | 19 - 20  | 21 - 22       | 23 - 24  | 25 - 26  | 27 - 28       | 29 - 30 | ≥ 31           | D.B. W.B.      | Dry Bulb | Wet Bulb     | De           |
| 96/ 95           |             |                |       |             |              | . 1            | l  |              |                |  | 1  |               | _  | I  |               |         |                | 1              | 1        |              | Γ            |
| 94/ 93           |             |                |       |             | 1            | _ 4            | 9  |              | 1              | نـــــــــــــــــــــــــــــــــــــ | 1  |               |  | <u> </u>   |               |         | 1              | 34             | 34       | <u></u>      | <u>L</u>     |
| 92/ 91           |             |                |       | , ,         | .3           | . 7            | 7 .9   | .6           |                |  |  |               |  |  |               |         |                | 47             | 47       |              |              |
| 90/89            |             |                | 1     |             | 1.4          | 4.5            |  | 1.6          |                | لم_ا                                   | 11   |               |  | <u> </u>   |               |         |                | 192            | 192      | <u> </u>     | <u> </u>     |
| 88/87            |             | ŀ              | - 1   | 1.1         |              |                |  | .9           | . 1            |  |  |               |  | 1  |               |         | ľ              | 314            | 314      | 1            | ļ            |
| 86/85            |             | <u> </u>       | 2     | 3.          | -+           | Cai            | 1 1 . 8  |              | -3             | <u> </u>                               | <u> </u>   |               | <u> </u>   | <u> </u>   |               |         |                | 347            | 347      |              |              |
| 84/83            |             | . 1            | 1.1   | 4.1         |              |                | 1.0  | .7           |                | .[ .1                                  | .  |               |  | Į  | li            |         | l              | 259            | 239      |              |              |
| 82/81            |             | 1              | 2.2   | 3.          | <del></del>  | 4              | 4  |              |                |  | ļ  |               | <u> </u>   | <b>└</b>   |               |         | ļ              | 193            | 193      |              | +            |
| 80/ 79           |             | .0             | 2.3   |             |              | t              |  |              | . 1            | 1                                      | -l   |               | ł  | 1  | ll            |         | 1              | 121            | 121      |              |              |
| 78/ 77           | 1           | 1              | 1.4   |             | 4            | ·              | 33   |              | ļ              |  | <del> </del>                                     |               | <b> </b>   | <del> </del> -                                   | <b> </b> -    |         |                | 109            | 109      |              |              |
| 76/ 75           | • 2         |                | . }   | . 4         |              | ij             | 1  | ļ            | ł              |  | l .  | l             | Į.   | Į.   | ll            |         | [              | 54             | 54       |              |              |
| 74/ 73           | <del></del> | 9              |       | ينسا        | Ή            | <del> </del>   | <del> </del>                                     |              | ļ              | <del> </del>                           | ├  | <b> </b> -    | <del> </del>                                     | <del> </del>                                     | ·             |         | <del> </del>   | 25             | 25       |              |              |
| 72/ 71           | • l         |                | • 4   |             |              | ·              | 1  | ļ            | ļ              |  |  |               |  | 1  |               |         | į .            | 21             | 21       |              | ı            |
| 70/ 69           |             | الاستلامات الم | 2     |             | ·            | ┼              | <del> </del>                                     |              | <del> </del> - | <del> </del>                           | <del> </del>                                     | <del> </del>  | <del> </del> -                                   | <del> </del>                                     | <del>  </del> |         | <del> </del> - | 25             | 25       |              | +            |
| 68/ 67           | • }         | .6             | • 2   | ļ           | Ì            |                | i  |              | Į.             |  |  |               |  | 1  | [ [           |         | ļ .            | 15             | 15       | t .          | ŧ            |
| 66/ 65           |             |                |       | <del></del> | <del> </del> | <del> </del>   | ┿──  | <del> </del> | <del> </del>   |  | <del> </del>                                     | <del></del> - |  |  | <del>  </del> |         | <del> </del>   |                | 4        | 23           | 1            |
| 62/61            |             |                |       | ļ           | 1            |                | 1  | ļ            | }              |  | 1  |               | ĺ  | 1  | 1             |         | 1              |                |          | 6            | <b>\</b>     |
| 60/ 59           |             | <del> </del>   |       | ļ           | ·            | <del> </del>   | <del>                                     </del> |              | <del> </del>   | <del> </del>                           | <del>                                     </del> |               | <del> </del>                                     | <del> </del>                                     | ├──┤          |         | <del> </del>   | <del> </del>   |          | <del> </del> | ┼            |
| 58/ 57           |             |                |       | İ           | }            |                | }  |              | 1              |  |  | <b>\</b>      |  | }  | 1 1           |         | 1              |                |          | {            | 1            |
| 54/ 53           |             |                |       |             | <b> </b>     | <del> </del> - | <del>                                     </del> |              |                |  | 1  |               | <del>                                     </del> | 1  |               |         | <del> </del> - | <del> </del>   |          | <del> </del> | İΤ           |
| TOTAL            | . 7         | 7.0            | 9.1   | 16.5        | 23.6         | 24 6           | 11.0   | 1 5.2        | 11.0           |  | د ا  |               | 1  | 1  | 1 1           |         | 1              |                | 1761     | }            | ١,           |
|                  |             |                |       |             |              |                |  |              |                | 1                                      |  |               |  |  |               |         |                | 1761           |          | 1761         | _            |
|                  |             |                |       |             | <del> </del> | -              | <del> </del>                                     |              | ┼─             | <del> </del>                           | <del> </del>                                     |               | ┼  | ╁──  |               |         | <del> </del>   |                |          | <del></del>  | ┝            |
|                  |             |                |       |             | <u> </u>     |                |  |              | <u> </u>       | <u> </u>                               | <del> </del>                                     | <u> </u>      | <b> </b>   | <u> </u>   |               |         | ļ              | <u> </u>       |          | <u> </u>     | L            |
|                  |             |                |       |             |              |                |  | i<br>L       |                |  |  |               |  | <u> </u>   |               |         |                |                |          |              | L            |
|                  |             |                |       |             |              |                |  |              |                |  |  |               |  |  |               |         |                |                |          |              |              |
|                  |             | <b> </b>       |       |             |              |                |  |              |                | 1                                      | 1  |               | 1  | <del>                                     </del> |               |         | $\dagger$      | <del> </del> - |          |              | <del> </del> |
|                  |             | <del> </del>   |       | -           | -            | ┼─             | -  |              |                |  | -  | <u> </u>      | <del> </del>                                     | <del> </del>                                     |               |         | ┼              | <del> </del>   |          | -            | $\vdash$     |
| Element (X)      |             | Zx2            |       |             | ZX           | 1              | <u> </u>   | -,           | 1              | No. O                                  | bs. 1  | <u> </u>      | <u></u>  |  | Mean N        | o. of H | lours wit      | h Tempero      | lur•     | <u> </u>     |              |
| Rel. Hum         |             |                | 5459  |             | 1246         | 05             | 70.8   |              |                |  | 160  | ± 0           | F  | ≤ 32 F   | ≥ 67          |         | 2 73 F         | ≥ 80 F         | ≥ 93     | F            | Tot          |
| Dry Bulb         |             | 1245           |       | <b>†</b>    | 1478         |                | 83.9   |              |                |  | 61   | <del></del> - | $\neg$   |  | 92            |         | 89.6           | 76.            |          | B            |              |
| Wet Bulb         |             | 1024           |       |             | 1341         |                | 76.2   |              |                |  | 61   |               | $\neg \neg$                                      |  | 91            |         | 78.7           |                |          |              |              |
| Dew Point        |             |                | 5957  |             | 1286         |                | 73.1   |              |                |  | 150  |               |  |  | 84.           | _       | 58.9           |                |          |              |              |

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR MEAT FR SERVICE/MAC 4331 TURY: TAP JAPAN STATION NAME 47-60-67-72 PACE 1 1500=1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Caw Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 98/ 97 96/ 95 94/ 93 16 16 92/ 91 90/ 89 49 49 .2 1.6 2.4 1.5 118 118 88/ 87 26. 86/ 85 84/ 83 4.8 E.7 397 6.0 397 1.4 294 20/ 82/ 81 3.3 2.7 231 231 113 23 80/ 79 150 80 78/ 77 .1 1.2 1.3 517 1.4 94 94 273 76/ 75 74/ 73 72/ 71 155 . 6 30 30 332 26 139 237 70/ 69 18 18 84 127 ici 68/ 67 38 66/ 65 21 66 64/63 62/ 61 60/ 59 20 \_6 58/ 57 1770 1770 8 õ 0.26-5 Element ( No. Obs. Mean No. of Hours with Temperature ΣX ₹, 72.510.679 83.5 4.907 Rel. Hum. 9494865 1770 10F ≥ 67 F × 73 F × 80 F × 93 F 128253 93 Dry Bulb 92.7 147712 76.6 12369620 1770 29.6

1770

78.0

14.1

Wet Bulb

Dew Point

10314414

134966

124733

76.3 3.605

USAFETAC FOLS (OLA)

| DATA | PROCESSING  | BRARCH   |
|------|-------------|----------|
| USAF | ETAL        |          |
| ΔIR  | SEATHER SEP | VICE/MAC |

# PSYCHROMETRIC SUMMARY

| 5.611011         |      |          |                | ٠.             | A 1104 A     | -1716        |              |              |              |  |          |            |                  |              |         |              |                |               |          |                   |                     |
|------------------|------|----------|----------------|----------------|--------------|--------------|--------------|--------------|--------------|--|----------|------------|------------------|--------------|---------|--------------|----------------|---------------|----------|-------------------|---------------------|
|                  |      |          |                |                |              |              |              |              |              |  |          |            |                  |              |         |              |                | b Vi's        | : 1      | 1 6 00<br>HOURS ( | - 2000<br>L. S. T.) |
| Temp             |      |          |                |                |              | WET          | BULB         | EMPER        | ATURE        | DEPRE  | SSION (  | F)         |                  |              |         |              |                | TOTAL         |          | TOTAL             |                     |
| (F)              | 0    | 1 - 2    | 3 - 4          | 5 - 6          | 7 - 8        |              | 11 - 12      |              |              |  |          |            | 23 - 24          | 25 - 26      | 27 - 28 | 29 - 30      | ≥ 31           | D.B. W.B.     | Dry Bulb |                   | Dew Por             |
| 90/ 89           |      |          |                |                | . 3          | • 2          | 1            |              |              |  |          |            |                  |              |         |              | i              | Q             | 9        |                   |                     |
| 88/ 87           |      |          | 1 . 1          | 2              | .6           |              | . 3          | . 1          |              |  | , 1      | i 1        | 1                |              |         |              | 1              | 28            | 28       |                   | Ì                   |
| 86/ 85           |      | , l      | . 3            | 2.4            | 2.7          | 1.2          | • 1          | • 1          |              |  |          |            |                  |              |         |              |                | 112           | 119      |                   |                     |
| 84/ 83           |      | . 1      | 2.6            | 18.9           | 3.5          | 9            |              |              |              |  |          |            | [                |              |         |              | l              | _281          | 281      |                   | l                   |
| 82/ 81           |      | . 4      | 9.1            | 12.4           | 3.1          | .7           |              | . 1          |              |  |          |            | i                |              |         |              |                | 459           | 459      | 23                |                     |
| 80/ 79           |      | 2.9      | 9.9            | 5.2            | 1.2          | 7            | .1           |              |              | ļi   |          |            |                  |              |         |              | <u> </u>       | 368           | 168      | 166               | 4                   |
| 78/ 77           | . !  | 3.3      | 4.5            | 2.1            | 1.7          | . 3          | . 2          |              |              |  | , 1      |            |                  |              |         |              | 1              | 213           | 213      | 503               | 21                  |
| 76/ 75           | 2    |          |                | <del>,,</del>  | تتعلب        | 4            | ·            |              |              | <u> </u>   | <u></u>  |            | <u></u> i        |              |         |              |                | 123           | 123      |                   |                     |
| 74/ 73           | . 4  |          | • 9            | • 7            |              | Ì            | Ì            |              |              |  | 1 1      | 1 1        | 1                |              |         |              | ]              | 59            | 59       |                   |                     |
| 72/ 71           | 2    |          |                | -1             | 2            | 1            | <del> </del> |              |              | ļ  | <b> </b> |            | <b> </b>         |              |         |              | <u> </u>       | 40            | 40       |                   | 23                  |
| 70/ 69           | . 2  |          |                |                | . 1          |              |              |              |              | 1  |          |            | i I              |              |         |              | ŀ              | 24            | 24       | 1                 |                     |
| 68/ 67           |      | 9        |                | <del> </del> - | ļ            | <del> </del> | <del> </del> |              | ļ            | <del> </del>                                     |          | <b> </b> - | <b></b> -        |              |         |              | <del> </del> - | 16            | 16       | ,                 | 9                   |
| 66/ 65           | • 1  | • 4      | • 3            |                |              |              |              |              |              | l .  |          |            | i I              |              |         |              |                | 11            | 11       |                   |                     |
| 64/ 63           |      | ļ        | <b> </b>       | <del>  </del>  |              |              | ┼──          |              |              | <del> </del>                                     |          |            | <del></del>      |              |         |              | ļ              | <del> </del>  |          | 10                |                     |
| 62/61            |      |          | 1              |                |              |              | ţ            |              |              | <b> </b>   |          | { !        | (                |              |         |              | 1              | ļ             |          | 2                 |                     |
| 50/ 59<br>58/ 57 |      | <u> </u> | <del> </del> - | <del>  </del>  |              |              | ┼──          |              |              | <del> </del>                                     | <b></b>  |            | h                |              |         |              |                | <del>  </del> |          | <del> </del>      | 1                   |
| 56/ 55           |      |          | '              |                |              | 1            |              |              |              | 1  | { !      | 1          | 1                |              |         | ļ            |                | 1             |          |                   |                     |
| UTAL             | 10   | 13.0     | 30 3           | 34.7           | 14 7         | 4 4          | 1 1 2        | •2           |              | <del>                                     </del> |          |            | $\overline{}$    |              |         |              | <del> </del> - | <del> </del>  | 1751     | <del> </del>      | 175                 |
| J'''.            | 1.00 | 1 3 4 17 | 70.5           | P • • •        | , ** '       | 7.5          | 1            | • 2          |              | 1  |          | <b>\</b>   | 1                |              |         | ļ            |                | 1751          | 2771     | 1751              |                     |
|                  |      |          |                |                |              |              |              |              |              | <del>                                     </del> |          |            |                  |              |         |              | i              |               |          | 1                 | 1                   |
|                  |      |          |                |                |              |              | 1            |              |              |  |          | (          |                  |              |         |              |                | ll            | _        | 1 _               | _                   |
|                  |      |          |                |                |              | i            | 1            |              |              |  |          |            |                  |              |         | T            |                |               |          |                   |                     |
|                  |      |          | <u> </u>       |                |              |              |              |              | L            | <u>i</u>   |          |            | <u></u>          |              |         | l            | J              |               |          | L                 | <u> </u>            |
|                  |      | ]        | 1              | Ì              |              | l -          |              |              | i            |  |          |            |                  | 1            |         | i            | 1              | ] ]           |          | 1                 |                     |
|                  |      |          |                |                |              |              |              |              | <u></u>      | <u> </u>   |          |            |                  |              |         |              |                |               |          | <u> </u>          |                     |
| 1                |      | 1        | 1              | ۱ ۱            | 1            | 1            | 1            | 1            | 1            | 1  | <b>i</b> | ۱ ۱        | 1                | }            | ·       | 1            | 1              | 1             | i        | 1                 | 1                   |
|                  |      | ļ        | ļ              | <u> </u>       |              |              | ļ            |              | ļ            | ļ  |          | ļ          |                  |              |         |              | ļ              |               |          | <del>  </del>     |                     |
| Ì                |      |          |                |                | 1            |              |              | 1            |              |  |          | }          | 1                | ĺ            | l       | Ì            |                |               |          | 1                 | 1                   |
|                  |      |          | <b> </b>       | ·              |              | <del> </del> |              | <u> </u>     |              | <del> </del>                                     | <u> </u> | <b> </b>   | ļ                |              |         | <del> </del> | <del> </del>   | <b>↓</b> ——   |          | <del> </del>      | <del> </del>        |
| ł                |      |          |                |                |              |              |              |              |              | İ  |          |            |                  |              |         |              |                |               |          |                   |                     |
|                  |      | }        | <del> </del> - | <del> </del>   | <del> </del> | <del></del>  | ├            | <del> </del> | <del> </del> |  |          |            |                  | <del> </del> |         |              | <del> </del>   | <del>  </del> |          | <del> </del> -    | ├                   |
| 1                |      |          | Ī              |                |              | ĺ            | Ī            |              |              | 1  | l        | i          | 1                |              |         |              | ļ              |               |          | 1                 |                     |
| lement (X)       |      | Σχ²      | Ь—             | <del> </del>   | ž x          | ┸┯╌          | I X          | •,           | <del></del>  | No. Ol   | <u></u>  | <u></u>    | L                | L            | Meas !  | No. of 5     | lours wit      | h Temperat    | ure.     | <del></del>       | <u> </u>            |
| Rel. Hum.        |      |          | 6525           | <del></del>    | 1396         | 73           | 79.8         |              |              | 17   |          |            | <u> </u>         | 32 F         | Meon 1  |              | 73 F           | ≥ 80 F        | ≥ 93     | F                 | Total               |
| Dry Bulb         |      | 1124     | 4383           | <u>.</u>       | 1401         |              | 80.0         |              |              | 17   |          |            | <del>'   '</del> | - J4 F       | 92      |              | 88.1           |               |          |                   | (                   |
| Wet Bulb         |      |          | 1275           |                | 1315         |              | 75.1         |              |              | 17   |          |            | _                |              | 91      |              | 74.8           |               |          | _                 |                     |
|                  |      |          |                |                |              | 13.27        | 1341         |              |              |  |          |            |                  |              |         |              |                |               |          |                   |                     |

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

43311 TOLY TAP JAPAN / INSHII 47-60.67-72 2100-2300 HOURS (L. S T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 88/87 • 1 86/ 85 84/ 83 .9 2 . 4 78 78 82/81 401 401 80/ 79 5.716.4 6. . 3 514 61 16 514 78/ 77 6.6 8.6 2.9 337 227 457 169 76/ 75 74/ 73 3.6 3.7 2.1 ,4 188 188 568 533 2.4 295 412. 72/ 71 1.2 1.4 61 154 262 . 1 61 70/ 69 109 143 68/ 57 1.1 24 24 80 105 66/ 65 64/ 63 17 37 . 4 62/ 61 60/ 59 6 50/\_57 TUTAL 1.922.545.424.4 4.6 1777 1777 Element (X) No. Obs. Mean No. of Hours with Temperature 12595262 Rel. Hum. 267 P 273 F 280 F 293 F 83.9 7.184 10F ± 32 F Total 149060 1777 Dry Bulb 10900541 139037 78.2 3.514 1777 92.3 66.2 39.9 Wet Bulb 9875360 132342 74.5 3.288 1777 90.5 72.0 72.9 3.694 Dew Point 59.3 9462363 129505

1777

86.0

(OL A) 0.26.5 FOEM JUL 64

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| ATAG  | PRUCESS | ING  | PRANCH  |
|-------|---------|------|---------|
| USAF  | ETA(    |      |         |
| AIR W | EATHER  | 258A | ICE/PAC |

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#### PSYCHROMETRIC SUMMARY

43311 THEY TAP JAPAK /HILLSHU 46-54-50-60-67-/2 YEARS 0000=0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W.B. Dry Bulb Wer Bulb Dew Point 32/ 81 14 14 80/ 79 4.2 1.4 3.6 1.7 78/ 77 205 205 17 171 118 76/ 75 205 205 74/ 73 3.6 4.1 i.4 163 163 178 146 72/ 71 243 244 .9 5.7 4.0 . 3 70/ 69 1.9 208 170 236 236 68/ 67 101 101 23: 204 5.4 2.9 66/ 65 203 211 186 1.7 . 2 203 54/ 63 215 208 107 62/ 61 1.3 148 49 49 163 115 58/ 57 56/ 55 55 86 52 54/ 53 52/\_51 19 50/ 49 15 48/ 47 46/ 45 2 42/41 TOTAL 3.5/41.4/30.5/15.7/6.6/2.0/ 1725 1724 1724 Element (X) Zx2 ZX ¥ No. Ob-Mean No. of Hours with Temperature 165838 84.6 9.745 122529 71.0 5.028 116833 67.8 5.319 Rel Hum ± 0 F 267 F 273 F 280 F 293 F 12500458 1724 Dry Bulb 35.2 70.2 90 B746987 1725 Wet Bulb 20.7 7966345 1724 52.7 50 Dew Point 7571426 113753 nΩ

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DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 43311 TOKY: TAP JAPAN/HINSHU 46-54,56-60,67-72 WET BULB TEMPERATURE DEPRESSION (F) 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 × 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 .1 5.0 3.3 1.2 .2 3.2 2.8 1.3 • 1 177 78/ 77 176 76/ 75 2.8 149 146 29 145 .2 5.8 3.3 1.2 .5 3.9 3.5 1.9 124 74/ 73 193 193 131 72/ 71 180 160 70/ 69 .9 6.8 4.0 1.0 233 202 183 233 68/ 67 6.4 4.8 261 261 224 182 .8 5.4 3.1 1.3 66/ 65 • 1 189 192 3.9 64/ 63 2.4 150 150 185 231 2.2 1.1 77 169 62/61 166 60/ 59 112 129 58/ 57 13 13 70 89 56/ 55 67 54/ 53 40 52/ 51 27 50/ 49 8 48/ 47 46/ 45 10 44/ 43 TUTAL 4.344.230.813.8 5.2 1.3 1716 1713 1715 1715 ï 8 õ Element (X) No. Obs. Mean No. of Hours with Temperature 146350 85.3 9.543 120001 69.9 5.188 1715 10F ≥67 F = 73 F = 80 F = 93 F Rel. Hum. 12644926 Dry Bulb 8437905 1716 65.5 30.1 90 Wet Bulb 66.9 5.424 15.5 114711 1715 7723089 47.8 90 Dew Point 7342909 OO.

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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7642198

7219229

#### PSYCHROMETRIC SUMMARY

10.4

47.9

16.7 11.3

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43311 THEY! LAP JAPAN /HIN SHU 46=54,50=60,67-72 PAGE 1 -0600=0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 3 31 D.B. W.B. Dr., Buib Wet Buib Dew Point 86/ 85 . 1 .8 1.1 2.2 1 84/ 83 82/ 81 80/ 79 4.1 41 84 84 18 2.1 3.2 1.1 78/ 77 122 122 76/ 75 128 68 136 126 4.4 2.9 74/ 73 136 1.8 175 175 126 72/ 71 137 162 70/ 69 68/ 67 .8 6.3 4.8 1.8 208 147 263 263 4.8 4.2 198 243 236 236 .4 3.1 3.7 66/ 65 227 191 1.2 158 159 64/ 63 186 224 62/ 61 .3 1.9 1.0 162 150 . 1 68 68 60/ 59 109 164 58/ 57 61 88 . 1 56/ 55 **n2** 54/ 53 12 42 52/ 51 50/ 49 14 48/ 47 6 46/ 45 8 44/ 43 42/ 41 3 3.335.133.416.9 1694 1694 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F | 132 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 11934093 141153 83.310.094 1694 Dry Bulb 119488 70.5 5.421 68.7

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66.9 5.501

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113398

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Dew Point

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY 2 USAF ETAC AIR VEATHER SERVICE/HAC 43311 THEY LAP JAPAN/HUNSHU 46-54.50-60.67-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 90/ 89 88/87 86/ 85 1.2 1.1 1.2 . 5 70 70 • 1 84/ 83 78 78 82/81 .9 2.9 1.2 . 1 109 109 . 6 80/ 79 3.2 1.2 138 138 .9 2.2 2.6 2.3 1.3 2.9 3.3 2.5 1.8 190 78/ 77 190 76/ 75 232 74/ 73 . 1 1.9 3.3 3.3 2.5 233 233 1.3 .6 72/ 71 3.3 191 192 2.4 2.8 2.5 70/ 69 ·i 2.0 1.1 192 192 68/ 67 126 126 .7 1.2 66/ 65 65 1.3 65 64/ 63 39 29 . 9 62/ 61 24 24 . 1 60/ 59 58/ 57 56/ 55 54/ 53 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41 40/ 39 TOTAL 1.813.520.025.619.612.1 5.2 1.5 • 1 1714 1713 9 0.26-5 No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC ± 0 F ± 32 F ≥ 67 F × 73 F ≥ 80 F ≥ 93 F 9854867 1713 Rel. Hum. 128173 74.812.429 127691 74.5 5.734 117657 68.7 5.438 Dry Bulb 9569149 1714 83.1 56.3 Wet Bulb 1713 57.6 24.1 8131863 1.1 Dew Point 112295 65.6 6.647

1712

7441339

0900-1100 HOURS (L. S. T.)

TOTAL

93

170

153

168

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210

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1713

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154 198

181

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1712

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 43311 TUKYLL LAP JAPAN/FUNSHU 46-54-50-60-67-72 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 2 92/ 91 90/ 69 88/ 87 . 6 1.4 86/ AS 84/ 83 1.8 2.3 1.1 82/ B1 2.1 2.6 80/ 79 3.2 1.9 1.1 78/ 77 76/ 75 74/ 73 1.2 2.2 2.6 2.2 2.5 72/ 71 1.7 1.2 70/ 69 1.3 68/ 67 1.5 66/ 65 64/ 63 62/ 61 . 9 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 50/ 49 48/ 47 46/ 45 44/ 43 40/ 39 1.210.512.619.620.019.010.3 4.6 1.6 TOTAL ð 0.26-5 (OL No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. ≤ 32 F 267 F 273 F 280 F 293 F 120117 1701 8779821 70.613.233 Dry Bulb 10133738 130902 77.0 5.044 1701 86.0 48.9

### **PSYCHROMETRIC SUMMARY**

560

|         |              |              |                 |              |          |            |                 | NTH          |
|---------|--------------|--------------|-----------------|--------------|----------|------------|-----------------|--------------|
| YE      | ARS          |              |                 |              |          |            | MOI             | нтн          |
|         |              |              |                 | PAG          | Ė        | ì          | 1200<br>Hours ( | <u>=1400</u> |
|         |              |              |                 | TOTAL        | Г_       |            | TOTAL           |              |
| 25 24   | 27 20        | 29 - 30      | × 31            |              | <u></u>  | Bulk       |                 | Dew Point    |
| 25 - 26 | 27 - 28      | 29 - 30      | -31             | 7.0.         | Dry      | DVID       | HET 0015        | Dew 1 dini   |
|         |              | ļ            |                 | 2            | l        | 2          |                 |              |
|         |              |              |                 | 1.5          |          | 1.5        |                 |              |
|         |              |              |                 | 51           | Г        | 53         |                 |              |
|         |              |              |                 | 123          |          | 123        |                 |              |
|         |              |              |                 | 119          |          | 119        |                 |              |
|         |              | ŀ            | ŀ               | 172          |          | 172        | 7               | \            |
|         |              |              |                 | 227          |          | 227        | 63              | 7            |
| i       |              | <b>\</b>     | }               | 221          |          | 221        | 137             |              |
|         |              |              | i               | 2:4          |          |            |                 | 121          |
|         |              | ļ            | <b>,</b>        | 156          |          | 214<br>156 | 173             | 146          |
|         |              |              |                 |              |          |            |                 |              |
|         | Į.           | ļ            | 1               | 139          |          | 139        | 211             |              |
|         |              |              |                 | 112          |          | 112        |                 |              |
|         | l            | į            | Į               | 72           |          | 72         |                 |              |
|         | <u> </u>     |              |                 | 35           | <u> </u> | 35         | 200             | 186          |
|         | !            | ļ            | 1               | 25           | ŀ        | 25         | 124             | 178          |
|         | <u> </u>     | ]            | ļ               | 12           |          | 12         | 100             |              |
|         |              |              |                 | 4            | 1        | 4          |                 |              |
|         | )            | 1            | 1               | } '          |          | 7          |                 |              |
|         |              |              | i               | 1            | ī        |            | 4               | 58           |
|         | l            | ļ            | !               | <b>!</b>     | ļ        |            | 1               | 31           |
|         |              | i            | <del> </del>    | 1            | ╆-       |            |                 |              |
|         | <b>,</b>     | ļ .          | ļ               | <b>!</b>     |          |            | ,               | 12           |
|         | <del> </del> | <del> </del> |                 |              | ┼─       |            |                 | 10           |
|         | 1            | İ            | 1               | 1            | l        |            | ļ               | 9            |
|         |              |              | <del>├</del> ── | <del> </del> | ⊢        |            | <del> </del> -  |              |
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|         | l            | i            | Į               | į            |          | 701        |                 | 1701         |
|         |              | <u> </u>     |                 | 1701         | 上        |            | 1701            |              |
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|         |              | <u> </u>     | <u> </u>        | <u> </u>     |          |            |                 |              |
|         |              | l            |                 |              |          |            | i               |              |
| _       |              |              | J               | <u> </u>     |          |            |                 |              |
|         | 1            |              |                 | 1            |          |            |                 |              |
|         | I            | J.           | l               | 1            | 1        |            | 1               | I            |

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66.2 6.479

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7522827

Wet Bulb

Dew Point

ğ 0 26.5

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAL AIR SEATSER SERVICESMAC

4331) TILKY' TAP JAPAN/HUNSHU 46-54,50-60,67-72

1500+1700 HOURS (L. S. T.) PACE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 0 1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point . 1 92/ 91 • 1 90/89 . 4 86/87 17 17 86/ 85 99 99 84/ 83 .4 2.9 2.4 1.2 137 137 2.5 82/81 1.4 4.0 208 208 1.8 2.0 2.8 80/ 79 2.4 . 1 223 223 2.2 . 6 78/ 77 132 209 205 76/ 75 74/ 73 1,19 1.7 2.2 2.2 2.4 1.7 200 200 205 178 183 166 183 1.8 2.0 3.0 161 2.1 1.9 1.5 229 180 72/ 71 1.5 1.4 161 70/ 69 1.3 96 36 214 174 1.5 68/ 67 .1 1.3 1.7 1.1 222 207 .2 85 85 187 151 66/ 65 . 2 64/ 63 .6 17 17 118 182 62/ 61 162 36 110 60/ 59 58/ 57 67 56/ 55 46 38 54/ 53 52/ 51 50/ 49 19 48/ 47 1.311.215.723.119.315.5 1695 1695 1695 1695 No. Obs. Mean No. of Hours with Temperature Element (X) ± 0 F 267 F 273 F 280 F 293 F Rel. Hum. 72.312.955 1695 ± 32 F 122508 9138698 Dry Bulb 9994130 129802 76.6 5.645 1695 86.1 67.9 30.4 90 70.0 5.156 Wet Bulb 1695 امد 90 8340460 118578 65.8 30.5 1695 Dew Point 112792 18.2 20 66.5 6.401 47.9 7575036

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

43311 TURY! TAP JAP,
STATION

# PSYCHROMETRIC SUMMARY

43311 TUNYI TAP JAPAN/FUNSHU 46-54.56-60.67-72 SED MONTH

PACE 1 1800-2000

| Temp.            |                 |                   |  | Y            | ,  |                 |                |                |                | DEPRE          |                |  |              |          |           |         |              | TOTAL      |              | TOTAL        | T= -           |
|------------------|-----------------|-------------------|--|--------------|--|-----------------|----------------|----------------|----------------|----------------|----------------|--|--------------|----------|-----------|---------|--------------|------------|--------------|--------------|----------------|
| (F)              | 0               | 1 - 2             | 3 · 4                                  | 5 - 6        | 7 - 8  | 9 - 10          | 11 - 12        | 13 - 14        | 15 - 16        | 17 - 18        | 19 - 20        | 21 - 22  | 23 - 24      | 25 - 26  | 27 - 28 2 | 9 - 30  | * 31         | D.B./W.B.  | Dry Bulb     | Wet Bulb     | Dew P          |
| 88/ 87<br>86/ 85 | İ               |                   | ]                                      | ,            |  | ,               | •1             |                |                |                |                |  |              |          |           |         |              | 1          | į            |              |                |
| 84/ 83           |                 |                   | .1                                     | . 4          | .2   | . 2             |                |                |                |                | i              |  |              |          |           |         |              | 20         | 20           |              |                |
| 82/81            |                 | 1                 | 2.1                                    | 2.4          | ,  |                 | 1              |                | <del> </del> - |                | <del> </del> - |  |              |          |           |         |              | - 91       | - 91         |              | <u> </u>       |
| 80/ 79           | . 1             |                   | 5.2                                    | 4.2          | 1.5  | . 5             |                | • 1            |                |                |                |  |              |          |           |         |              | 224        | 224          | 9            |                |
| 78/ 77           |                 | 1.6               |  |              |  |                 | 5              |                |                | ├─             |                |  |              |          |           |         |              | 241        | 241          | 93           |                |
| 76/ 75           | . 4<br>5        | 2.1               | 3.4                                    | 3.3          | 2.1  | 1.3             | .6             |                | 1              |                |                |  |              |          |           |         |              | 226<br>228 | 226<br>228   |              |                |
| 72/ 71           | . 2             | 2.7               |  |              |  |                 | .3             |                | 1              | 1              |                |  |              |          | $\vdash$  |         |              | 219        |              |              |                |
| 70/ 69           | 5               | 2.1               | 3.8                                    | 2.2          | 9  |                 | 1              |                | L              |                |                |  |              |          |           |         |              | 160        | 160          |              |                |
| 68/ 67           | . 1             | 2.5               | 2.5                                    | 1.5          |  | .4              |                |                | Ì              | 1              |                | 1  |              |          |           |         |              | 143        | 143          | 220          | 1              |
| 66/ 65           | 2               | -1.7              | -9                                     | 1.2          | 7  | <del>  -1</del> |                | <u> </u>       | ļ              | ļ              |                |  | <b> </b> -   | ļi       |           |         |              | 8)         |              |              |                |
| 64/ 63           | • 1             |                   |  |              | - 1  |                 |                |                | ļ              |                |                |  |              |          | (         |         |              | 36         |              |              |                |
| 62/ 61           | 2               | 4                 |  | <del> </del> | <del> </del>                                     |                 | <del> </del> - | <u> </u>       | <del> </del> - | <del> </del> - |                | <u> </u>   |              | <b> </b> |           |         | <del> </del> | 13         |              | 1            |                |
| 60/ 59<br>58/ 57 | . 1             | . 3               | Ì                                      |              | İ  | ĺ               | İ              | į              | İ              | İ              |                |  |              | į i      |           |         |              | 6          | 6            | 23           | 1              |
| 36/ 55           |                 |                   | İ                                      |              | 1  |                 |                |                |                | 1              | ļ —            |  |              |          |           |         |              | 4          | -            | -4-3         |                |
| 54/ 53           |                 |                   | 1                                      |              |  | <u> </u>        |                |                |                | <u> </u>       |                |  |              |          |           |         |              |            |              | <u> </u>     | <u> </u>       |
| 52/ 51           |                 |                   |  |              | Į  | 1               |                |                | -              |                |                |  | 1            |          | l i       |         |              |            | Į            | Į            | 1              |
| 50/_49           |                 |                   | <del> </del> -                         | <b> </b>     | <del> </del> -                                   | <del> </del> -  | <del> </del> - | <del> </del> - | <del> </del>   | <del> </del> - | <del> </del> - |  | <u> </u>     |          | <b></b>   |         |              |            |              | <del> </del> | ├              |
| 48/ 47<br>DTAL   | 2 0             | . 77 (1           | 100 5                                  |              |  | A-0             | 2.7            |                | <b>.</b> .     | j              |                |  | 1            |          |           |         |              |            |              | 1            | 16             |
| UIAL             | -2.2            | <del>-1-4-3</del> | 29.5                                   | 20.1         | 14.0.1   | 0.0             | 2-1            |                |                | 4              |                | <del>                                     </del> |              |          |           |         |              | 1696       | 1696         | 1696         |                |
|                  |                 |                   |  | <del> </del> |  |                 | <del></del>    |                | <b>}</b>       | <del>-</del>   | <del> </del>   | <del> </del>                                     | <b></b> -    |          |           |         |              |            |              | <del> </del> | <b>├</b>       |
|                  |                 |                   |  |              |  |                 | <u></u>        |                |                | 1              |                |  |              |          |           |         |              |            |              |              |                |
|                  |                 |                   |  |              |  |                 |                |                |                |                |                |  |              |          |           |         |              |            |              |              |                |
|                  |                 |                   |  |              | <del>                                     </del> |                 |                |                |                | +              | -              | <del>                                     </del> | <del> </del> |          |           |         |              |            | <del> </del> |              | <del> </del> - |
|                  |                 |                   | ļ                                      | <u> </u>     |  | ļ               |                |                | ļ              |                |                | <u> </u>   | <u> </u>     |          |           |         | ļ            |            | <u> </u>     | <u> </u>     | <u> </u>       |
|                  |                 |                   |  |              | ł  |                 |                |                |                |                |                | ļ  | 1            |          |           |         |              |            |              |              |                |
|                  |                 |                   |  |              |  |                 |                |                |                |                |                |  |              |          |           |         |              |            |              | <u> </u>     |                |
| Element (X)      |                 | ΣX,               | ــــــــــــــــــــــــــــــــــــــ | <del> </del> | Σχ   | <del>'</del>    | X              | •,             | -              | No. O          | bs.            | <u> </u>   | L            |          | Mean N    | o. of H | ours with    | Tempero    | ture         | <del></del>  |                |
| Rel. Hum.        | 10686806 133268 |                   |  |              | 78.6   | 11.2            | 60             | 16             | 96             | ± 0            | F :            | ≤ 32 F   | ≥ 67         |          | 73 F      | ≥ 80 F  | ≥ 93         | F          | Total        |              |                |
| Dry Bulb         |                 | 928               | 4658                                   | 1            | 1252   | 04              | 73.8           | 4.5            | 161            | 10             | 96             |  |              |          | 82        |         | 55.0         | 12.        | 9            |              |                |
| Wet Bulb         |                 | 812               | 1668                                   | <u> </u>     | 1170   | 148             | 69.0           | 5.0            | 178            |                | 96             |  | $\dashv$     |          | 60.       |         | 26           | ļ          |              |              |                |
| Dew Point        | 7556759 112727  |                   | 727                                    | 66.5         | 16.1   | RA              | 1.6            | 96             |                |                |                | 46   | • 1          | 17.8     |           | 1       | i            |            |              |              |                |

OEM 0.26-5 (OLA) REVISED MEYICOUS

SAFETAC R

43311 III) Y TAP JAPAN/HINSHU 46-54.56-60.67-72 86/ 85 84/ 83 82/81 80/ 79 78/ 77 76/ 75 3.4 . 4 74/ 73

DATA PROCESSING BRANCH

AIR VEATHER SERVICE/MAC

USAF ETAC

**PSYCHROMETRIC SUMMARY** 

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 × 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin .8 1.0 37 37 .1 2.8 4.5 1.6 . 2 27 • 1 173 173 4.7 180 124 .3 2.7 4.5 2.0 6 3.5 5.5 2.8 178 151 201 201 243 243 4.1 4.7 2.6 2.9 4.2 1.7 70/ 69 239 239 222 187 68/ 67 101 191 196 .5 3.5 1.9 66/ 65 1.6 144 144 249 173 64/ 63 187 252 6.4 64 153 , 5 62/ 61 17 17 109 60/ 59 95 58/ 57 . 2 37 70 56/ 55 54/ 53 57 22 50/ 49 48/ 47 46/ 45 44/ 43 TOTAL 3.327.736.519.1 8.7 3.4 1.2 1720 1719 1720 Zy. No. Obs. Element (X) Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hum. 11818387 141475 82.310.280 1720 10F ≤ 32 F 72.2 4.848 68.4 5.091 Dry Bulb 9012111 124223 1720 42.5 77.7 90 Wer Bulb 8084012 117592 1720 55.5 22.7 90 Dew Point 113987 66.3 6.042 90

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

1 . .

| 3311<br>STATION  | LU         | KY:         | <u> 1 A P</u>  | <u>۱۸۹ ب</u><br>۱۵ | N / 3-11     | ly S H Li |              |         |              | 46-  | 54,5     | 6-60    | .67-     | ·72_YE   | ARS  |        |              |             |                |                    | C T                |
|------------------|------------|-------------|----------------|--------------------|--------------|-----------|--------------|---------|--------------|--|----------|---------|----------|--|--|--------|--------------|-------------|----------------|--------------------|--------------------|
|                  |            |             |                |                    |              |           |              |         |              |  |          |         |          |  |  |        |              | PAC         | + 1            | _OOOO              | #0200<br>L. S. T.) |
| Temp.            |            |             |                |                    |              |           |              |         |              | DEPRE  |          |         |          |  |  |        |              | TOTAL       |                | TOTAL              |                    |
| (F)              | 0          | 1 - 2       | 3 - 4          | 5 - 6              | 7 - 8        | 9 - 10    | 11 - 12      | 13 - 14 | 15 - 16      | 17 - 18  | 19 - 20  | 21 - 22 | 23 - 24  | 25 - 26  | 27 - 28 2  | 9 - 30 | ≥ 31         | D.B. W.B.   | Dry Bulb       | Wet Bulb           | Dew Poin           |
| 76/ 75<br>74/ 73 |            | • 1<br>• 1  | .2             | 2                  | .1           | 1         |              | 1       |              |  |          |         |          |  |  |        |              | 6<br>14     | 6<br>14        | 2                  | 1                  |
| 72/ 71<br>70/ 69 | • 1        |             | .3<br>.6       | • 3                | .4           | • 1       | •1           | .1      |              |  |          |         |          |  |  |        |              | 27<br>45    | 27<br>46       | 8<br>1.7           | 8                  |
| 68/ 67<br>66/ 65 | . 3        |             |                |                    |              | •1<br>•2  | • 2          |         |              |  |          |         |          |  |  |        |              | 85<br>163   | 85<br>163      | 33<br>70           |                    |
| 64/63            | . 4        | 4.9         |                | 2.8                |              | .8        | 1 .1         |         |              |  |          |         |          |  |  |        |              | 265<br>244  | 265<br>245     |                    |                    |
| 60/ 59<br>58/ 57 | . 8        |             | 6.3            |                    |              |           | .2           |         |              |  |          |         |          |  |  |        |              | 326<br>263  | 326<br>263     |                    | 205                |
| 56/ 55<br>54/ 53 | <u>.</u> 5 | 3.6         |                | 1.7                | 1,5          |           | <del> </del> |         |              |  |          |         |          |  |  |        |              | 172         | 172            | 261                | 277                |
| 52/ 51           | . 2        | .7          | .9             |                    | .4           | 1         |              |         |              |  |          |         |          |  |  |        |              | 100<br>53   | 53             | 137                | 206<br>168         |
| 50/ 49<br>48/ 47 |            | -4          | • 1            | •5                 |              |           |              |         |              |  |          |         |          | <del> </del>                                     |  |        |              | <u>31</u>   | <u>31</u><br>5 | 61                 | 129<br>85          |
| 46/ 45           | 1          |             |                |                    |              |           |              |         |              | <del>                                     </del> |          |         |          | <del>                                     </del> |  |        |              | 2           | 2              | 33<br>18           | <u>80</u>          |
| 42/ 41           |            |             |                |                    |              |           | <del> </del> |         | <del> </del> | -  |          |         |          | <del> </del>                                     |  |        |              |             |                | 1                  | 35<br>21           |
| 38/ 37<br>36/ 35 |            |             | <u> </u>       |                    |              |           |              |         |              | <del>                                     </del> |          |         |          | <del> </del>                                     | <del>                                     </del> |        |              |             |                |                    | 23                 |
| 34/ 33<br>32/ 31 |            |             | <u> </u>       |                    | <u> </u>     |           | <u> </u>     |         |              |  |          |         |          | ┼  |  | _      | <u> </u>     |             |                |                    | 2                  |
| TOTAL            | 4.3        | 34.6        | 33.6           | 17.3               | 6.7          | 2.5       | - 8          | -2      |              |  |          |         |          | -  |  |        |              | 1801        | 1803           | 1801               | 1801               |
|                  |            |             |                |                    |              |           |              |         | -            | -  |          |         |          | -  |  |        |              |             |                |                    |                    |
|                  |            |             |                |                    | <del> </del> |           |              |         |              | -  |          |         |          | $\vdash$   |  |        |              |             |                |                    |                    |
|                  |            | <del></del> | <del> </del> - | <del></del>        |              |           | -            |         | -            | -  |          |         |          | ┼  |  |        |              |             |                |                    |                    |
|                  |            |             |                |                    |              | <u> </u>  | -            |         |              | <del> </del>                                     |          |         |          | +-   |  |        | <del> </del> |             |                |                    |                    |
| Element (X)      |            | Z X2        |                | -                  | ZX           | Ц_        | X            | 0,      | 1            | No. OI   | <u> </u> | L       | ــــــ   |  | Mean N   | of H   | ours with    | Tempero     | lute.          | <u> </u>           | <u> </u>           |
| Rel. Hum.        |            |             | 3306           |                    | 1456         | 46        | 80.9         |         |              | 18   |          | = 0     | F        | ≤ 32 F   | ≥ 67   |        | 73 F         | ≥ 80 F      | ± 93           | F                  | Total              |
| Dry Bulb         |            |             | 3865           |                    | 1089         |           | 60.4         |         |              |  | 03       |         | $\dashv$ |  | 9,   |        | 1.0          | <del></del> | 1              | $\neg \vdash \neg$ | 9:                 |
| Wet Bulb         |            |             | 9727           |                    | 1025         |           | 56.9         |         |              | 18   |          |         |          |  | 3.   | 1      | 1            |             | 1              |                    | 93                 |
| Dew Point        |            |             | 8506           |                    | 976          |           |              | 6.6     |              | 18   |          |         |          | 1  | 2.   | il     |              |             |                |                    | 9                  |

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 43311 TIPKY: TAP JAPAN/HINSHU 46-54-56-60-67-72 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ± 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 76/ 75 74/\_73 72/ 71 23 23 7 70/\_69 .9 68/ 67 1.0 52 52 25 20 66/ 65 QÇ 90 64/ 63 3.4 3.6 176 176 78 53 62/\_61 RA 280 284 5.4 60/ 59 7.0 292 292 234 177 58/ 57 202 283 186 1.1 5.0 56/ 55 280 239 239 264 54/ 53 239 246 52/ 51 1.4 1.0 152 68 68 179 50/ 49 156 48/ 47 14 14 71 104 46/ 43 50 73 44/ 43 • 1 82 42/41 40/ 39 40 38/ 37 10 36/ 35 14 32/ 31 1787 1787 õ Element (X) Mean No. of Hours with Temperature ± 0 F ± 32 F 267 F 273 F 20 F 293 F 12227214 146446 82.011.245 1787 Dry Bulb 6297248 105828 59.1 4.958 <del>. 791</del>

1789

93

Wet Bulb

Dew Point

5632306

5165661

99868

55.9 5.349

DATA PROCESSING BRANCH USAF ETAC AIR \*EATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 3311<br>STATION | . Iu                                    | κY             | IAP          | JAPA  | N/H;           | NSHU<br>ME     |  |                |              | 46=  | 54.5           | 0-60         | .67-   | -72_YE   | ARS  |          |                |              |              | <u>r</u>        | C.I.   |
|-----------------|---|----------------|--------------|-------|----------------|----------------|--|----------------|--------------|--|----------------|--------------|--|--|--|----------|----------------|--------------|--------------|-----------------|--|
|                 |   |                |              |       |                |                |  |                |              |  |                |              |  |  |  |          |                | 249          | t 1          | OGOO<br>HOURS ( | -080<br>-5. T.)                                  |
| Temp.           |   |                |              |       |                |                |  |                |              | DEPRE  |                |              |  |  |  |          |                | TOTAL        |              | TOTAL           |  |
| (F)             | 0                                       | 1 - 2          | 3 · 4        | 5 - 6 | 7 - 8          | 9 - 10         | +1 - 12  | 13 - 14        | 15 - 16      | 17 - 18  | 19 - 20        | 21 - 22      | 23 - 2   | 25 - 26  | 27 - 28  | 29 - 30  | ≥ 31           | D.B. W.B.    | Dry Bulb     | Wet Bulb        | Dew Po   |
| 78/ 77          |   | ı              | 1            | • 6   |                |                |  | . )            |              | 1  |                |              | 1  | 1  |  |          |                | 4            | 4            |                 |  |
| 76/ 75          |   | - 2            | 2            | 1     | 1              |                |  |                |              |  | <u> </u>       |              |  | <u> </u>   |  |          |                | 1.0          | 10           | ·               |  |
| 74/ 73          |   |                |              | .3    | . 2            |                | [  |                |              | l  | 1              |              | ł  | Į į  | l l  |          |                | 1.5          | 15           | 6               |  |
| 12/ 71          |   | 2              | <del></del>  | 2     | 1              | 1              | 1  |                |              |  | <b>[</b> _     | <del> </del> | ļ  | <u> </u>   |  |          |                | 12           | 12           | 11              | 1  |
| 70/ 69          |   | .7             |              |       | .5             | - 1            | • 1  |                |              | Į  | [              | Į            | ĺ  | 1 ,  | l l  |          |                | 32           | 3-           | 8               |  |
| 8/ 67           | لِمــــــــــــــــــــــــــــــــــــ | 1.2            |              |       | 2              | 3              | <b> </b>   | ļ <u>.</u>     |              | <del> </del>                                     | <del> </del> - |              |  | <del> </del>                                     |  |          |                | 55           | 5.5          | 23              | 2  |
| 66/ 65          | . 3                                     |                | •            |       | .5             |                |  |                |              | ļ  | ļ              | ]<br>}       |  |  | [ [  |          |                | 97           |              | 41              | 1  |
| 4/ 63           |   |                |              |       |                |                |  |                |              | <del> </del>                                     |                |              |  | ┼  |  |          |                | 170          |              | 63              | 3  |
| 2/ 61           | .7                                      |                |              | 2.5   |                | .3             | }  |                | 1            | 1  |                |              | 1  | }  | 1 1  |          | i              | 274          | 278          | 125<br>246      | 15   |
| 58/ 57          | <u>1.0</u>                              |                |              |       | 1.4            | .1             | <del> </del>                                     |                |              | <del> </del>                                     | <del> </del>   | <del> </del> |  | +  | <del>                                     </del> |          |                | 272          | 272          | 255             | 19   |
| 6/ 55           | 8                                       |                |              |       | 1.1            | •;             |  | 1              | !            |  | ĺ              | 1            |  | i  | ] ]  |          |                | 223          | 223          | 258             | 22   |
| 64/ 53          | A                                       |                |              |       | .7             | .1             |  |                |              | <del>                                     </del> |                |              |  | <del> </del>                                     |  |          |                | 133          | 133          | 225             | 24   |
| 2/ 51           | 1                                       | 1.1            | 1.4          |       | .4             | i              |  |                | <b>\</b>     | <u> </u>   | l              | _            |  | <u>.</u>   | i i  |          | l              | 71           | 73           | 170             | 18   |
| 0/ 49           |   | .3             | 1.1          | . 8   |                | . 1            |  |                |              |  |                |              |  |  |  |          |                | 41           | 41           | 124             | 15   |
| 8/ 47           |   | 2              |              | 2     | 1              |                |  |                |              |  |                |              |  |  |  |          |                | 1 21         | 21           | 78              | _11  |
| 46/ 45          |   | .2             | .2           | 5.    |                |                |  |                | <u> </u>     | 1  | 1              | 1            | 1  | 1  | ] !  |          | Ì              | 10           | 10           | 49              | 8  |
| 4/ 43           |   | 1              | 1            | ļ     |                |                | ļ  |                | ļ            | <del> </del>                                     | ļ              | <u> </u>     | <u> </u>   | <del> </del>                                     |  |          | <u> </u>       | -3           |              | 34              | 8  |
| 42/ 41          |   |                | ļ            | Į.    | ļ              | İ              | Į .  | •              | ļ            | Į  | ļ              | ļ            | i  | ļ  | [ [  |          |                | i            | <b>[</b> [   | 7               | ( 6  |
| 0/ 39           |   | <del> </del> - | <del> </del> | ļ     | <del> </del> - | <del> </del>   | <del> </del>                                     | <u> </u>       | <u> </u>     | <del> </del>                                     | ļ              | ├            | <del> </del> -                                   |  | <del>  </del>                                    |          | <del> </del> - |              |              | 4               | 3  |
| 8/ 37           |   | ļ              | ļ            | į     | ļ              |                |  | ļ              | •            |  | [              | İ            | ļ  | 1  | ( (  |          | [              |              |              |                 | a  |
| 36/ 35          |   | <del> </del> - | ┼──          | ├──   |                |                |  | <del> </del>   | <del> </del> | <del> </del>                                     |                | <del> </del> |  | ┪  |  |          | <del> </del>   | <del> </del> | <del> </del> |                 | <del>                                     </del> |
| 14/ 33          |   |                | 1            | 1     | 1              | İ              | 1  | <b> </b>       | 1            |  | 1              | }            | 1  | }  | \ \  |          | 1              | 1            | } '          |                 | )  |
| 30/ 29          |   |                | 1            | 1     |                |                | <del>                                     </del> |                |              | 1  | †              |              | <del>                                     </del> | <del>                                     </del> | 1  |          |                | <del> </del> | <del> </del> |                 |  |
| 26/ 25          |   | }              | }            | }     |                | 1              |  | •              |              | 1  | i              | }            | ĺ  | }  | 1  |          | {              | 1            | 1            |                 | }  |
| JTAL            | 4.3                                     | 31.4           | 33.8         | 19.6  | 8.4            | 2.1            | .2   | • 1            |              |  |                |              |  | T  |  |          |                | i            | 1773         |                 | 176  |
|                 |   |                |              |       |                |                |  |                | <u> </u>     |  |                |              | <u> </u>   |  |  |          |                | 1167         |              | 1767            |  |
| l               |   | l              | t            | į     | l              | 1              | 1  | Į              |              | l  | l              | l            | l  | ı  | į l  |          | į              | -            |              | ł               | Į .  |
|                 |   | <u> </u>       | <del> </del> | ļ     | <b>├</b>       | <b> </b> -     | <u> </u>   |                | <u> </u>     | —  | <del> </del>   | ļ            | <del> </del>                                     | <b>-</b>   | <u> </u>   |          | <u> </u>       | <del> </del> | <b> </b>     | ļ               |  |
|                 |   |                | [            | ł     | 1              | 1              | l  |                | ĺ            | 1  |                | 1            | 1  | l  |  |          | Į              |              | 1            |                 | {  |
|                 |   | ļ              | <del> </del> | ├     | ├              | <del> </del> - | -  | <del> </del> - | ├            | <del> </del>                                     | <del> </del>   | <del> </del> | ├  | <del> </del>                                     |  |          | <del> </del>   | <del> </del> | <del> </del> |                 | <del> </del>                                     |
| }               |   |                | 1            | i     |                |                |  |                |              |  |                |              | ł  |  |  |          |                |              | l            | 1               |  |
| lement (X)      |   | Ex2            | <u> </u>     |       | ZX             | · T            | <del>' I</del>                                   | · ·            |              | No. O  | bs.            |              | <u> </u>   |  | Mean P   | ie. of H | ours wil       | h Tempero    | ture         |                 |  |
| Rel. Hum.       |   | 1155           | 56481        |       | 1413           | 53             | 80'0   | 11.8           |              | 17   | 67_            | ± 0          | F  | 1 32 F   | ≥ 67   | F        | 73 F           | ≥ 80 F       | = 93         | F               | Total  |
| Dry Bulb        |   |                | 1415         |       | 1049           | 77             |  | 5.0            |              |  | 73             |              |  |  | 6  | .7       | 1.5            |              |              |                 |  |
| Vet Bulb        |   |                | 4341         |       | 983            | 35             |  | 5.4            |              |  | 167            |              |  |  |  | .5       |                |              |              |                 |  |
|                 |   |                |              |       |                |                |  |                |              |  |                |              |  |  |  |          |                |              |              |                 |  |

5524341 5004292

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

|                       |     |              |  | ٠.            | INTION N   | k Shill<br>Me |          |                 |        |          |  |              | <u> </u>   | YΕ   | ARS           |           |                |  |              | мо         | CT.                |
|-----------------------|-----|--------------|--|---------------|--|---------------|----------|-----------------|--------|----------|--|--------------|--|--|---------------|-----------|----------------|--|--------------|------------|--------------------|
|                       |     |              |  |               |  |               |          |                 |        |          |  |              |  |  |               |           |                | PAG  | e 1          | O O O O    | =1100<br>L. s. T.) |
| Temp                  |     |              |  |               |  |               |          | EMPERA          |        |          |  |              |  |  |               |           |                | TOTAL  |              | TOTAL      |                    |
| (F)                   | 0   | 1 . 2        | 3 - 4  | 5 - 6         | 7 - 8  | 9 - 10        | 11 - 12  | 13 - 14 1       | 5 - 16 | 17 - 18  | 19 - 20  | 21 - 22      | 23 - 24  | 25 - 26  | 27 - 28       | 29 - 30   | ≥ 31           | D.8./W.B.  | Dry Bulb     | Wet Bulb   | Dew Point          |
| 80/ 79                |     |              |  | . 2           | - 1  | - 1           |          |                 |        |          |  |              |  |  | 1 1           |           |                | 6  |              |            |                    |
| 78/_77                |     | - 2          |  |               | - 2  |               |          | <del>!</del>  - |        |          |  |              |  |  |               |           | <del> </del>   | 17   |              |            |                    |
| 76/ 75<br>74/ 73      |     | • 1          | .2   | .2            | .7   | • Z           | • 2      | • 2             |        |          |  |              |  | ]  |               |           |                | 32<br>44   | 32           | 5<br>11    | 1 7                |
| 72/ 71                |     | . 2          | .6   | .7            | 1.3  | . 8           | . 6      | - 1             | . 1    |          |  |              |  |  |               |           |                | 76   | 76           | 8          | 10                 |
| 70/ 69                |     | 6            | 1.2  | 1.7           | 2.3  | 1.7           | 5        | 2               |        |          |  | <u> </u>     |  |  |               |           | <del> </del>   | 148  | 148          | 23         | 7                  |
| 68/ 67                | . 2 | ,9           | 1.8  |               | 3.0  | 1.7           | . S      | • 3             | . 1    |          |  | (            |  |  |               |           | [              | 228<br>226                                       | 229<br>226   | 57<br>77   | 24<br>52           |
| 64/ 63                | . 2 | <del></del>  |  |               | 2.6  |               | ٠.       | . 2             |        |          |  |              |  |  |               |           |                | 273  |              | 134        |                    |
| 62/ 61                | 2   | 2.8          | 2.4  | 3.5           | 2.8  | 1-1           | -3       | 2               |        |          |  | <u> </u>     |  | <u> </u>   |               |           | <del> </del>   | 242  | 242          | 237        | _100               |
| 60/ 59                | • 4 |              |  |               | 1.0  | 1.4           | - 4      | - 1             |        |          |  | Į            |  | 1  | 1 1           |           |                | 210  |              |            |                    |
| 58/ 57<br>56/ 55      |     | 2.6          | . 8  | <del></del>   | 1.4  | -4            | - 2      |                 |        |          |  |              |  | _  |               |           | <del> </del>   | 157  |              | 274<br>244 | 201                |
| 54/ 53                | 3   | 2.0          |  | 4             |  | - 1           | • 1      |                 |        |          |  |              |  |  |               |           |                | عُدُ_ا   |              | 222        | 239                |
| 52/ 51                | . 2 | .3           |  | . 3           |  |               | 1        | 1               | i      |          |  | Ì            |  | ł  | ] ]           |           | ł              | 14   | 15           |            |                    |
| 50/ 49                |     | 2            |  | <del>? </del> | <del> </del>                                     | <del> </del>  |          |                 |        |          |  |              |  | <del> </del>                                     |               |           | <del> </del> - | s  | ₽            | 71         | 123                |
| 48/ 47<br>46/ 45      |     | <u> </u>     |  |               |  |               |          |                 |        |          |  | L            |  |  |               |           |                |  |              | 41         | 88                 |
| 44/ 43                |     |              |  |               |  |               |          | i               |        |          |  | 1            |  |  |               |           |                |  |              | 3          | 62                 |
| 42/_41                |     | <del> </del> | <del> </del> -                                   | <del> </del>  | <del> </del>                                     | <del> </del>  |          |                 |        |          |  | <del> </del> |  | ├  | <del>  </del> |           | ┼──            |  | <del> </del> |            | 45                 |
| 40/ 39                |     | Ì            | 1  | 1             |  | }             |          | - 1             |        |          | }  | }            | 1  | ļ  | 1 1           |           | 1              | ł  | 1            |            | 27                 |
| 36/ 35                |     |              | 1  |               |  |               |          |                 |        |          |  |              |  | T  |               |           |                | [  |              |            | Î4                 |
| 36/ 33                |     | <del> </del> | <b> </b>   | <b></b> -     | <u> </u>   | <del> </del>  |          |                 |        |          |  | <u> </u>     | <b> </b> -                                       | <del> </del>                                     |               |           | <del> </del>   | <del> </del>                                     | <del> </del> |            | 4                  |
| 32/ 31                |     | 1            |  |               | }  | 1             |          | }               |        |          |  | 1            | }  | }  |               |           | 1              |  |              | }          | 6                  |
| OTAL                  | 2.0 | 16.7         | 16.  | 725.5         | 19.9   | 12.6          | 4.6      | 1.6             | . 3    |          |  |              |  |  |               |           | 1              |  | 1806         |            | 1804               |
|                       |     |              |  |               | ļ  |               |          |                 |        | <u> </u> | <b> </b>   | <del> </del> | <b> </b> -                                       | <del> </del>                                     |               |           | <del> </del>   | 1804   | <u> </u>     | 1804       | <b> </b>           |
|                       |     | 1            | 1  |               |  | 1             |          | . 1             |        |          | }  |              | ļ  |  |               | 1         |                |  | 1            |            |                    |
|                       |     | 1            | <del>                                     </del> | 1             | <del>                                     </del> |               | <b> </b> |                 |        | $\vdash$ | <del>                                     </del> | <del> </del> | <del>                                     </del> | <del>                                     </del> | <b>†</b>      | <b></b> - | <del> </del>   | <del>                                     </del> |              |            | <del></del>        |
|                       |     | <u> </u>     | <u> </u>   | <u> </u>      | <u> </u>   | ļ             |          |                 |        |          |  | <del> </del> | <u> </u>   | ļ  | <del>  </del> |           | <del> </del>   | <u> </u>   |              | <u> </u>   |                    |
|                       |     |              |  | )             |  | ì             |          | 1               |        | }        | ļ  | )            |  | ]  |               |           | 1              | Ì  | Ì            | , ,        |                    |
| Element (X)           |     | Σχ¹          | <del>'</del>                                     | 1             | ZX   |               | X        | ₹g.             | $\Box$ | No. Ol   | s.   |              |  |  | Mean I        | lo. of t  | lours wil      | h Tempere  | ture         |            |                    |
| Rel. Hum.             |     |              | 1937   |               | 1285   | 57            | 71.3     | 14.41           | 12     | 18       | 04   | ⊴ 0          | F  | 1 32 F   | ≥ 67          | F         | ≈ 73 F         | ≥ 80 F   | z 93         | F          | Total              |
| Dry Bulb              |     |              | 769  |               | 1151   |               |          | 5.3             |        |          | 06   |              |  |  | 28            |           | _5_1           |  | 1            |            | 93                 |
| Wet Bulb<br>Dew Point |     |              | 23520<br>2355                                    |               | 1046   |               | 58.0     |                 |        |          | 04_  |              | -+-  |  | 5             | -4 -      |                | <b>\</b>   |              |            | 93                 |

\* \$i 0.26.5

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DATA PROCESSING BRANCH

PSYCHROMETRIC SUMMARY USAF ETAC AIR REATHER SERVICE/MAC 43311 TUVY: TAP JAPAN/PINSHU 46-54,56-60,67-72 1200-1400 HOURS (L. S. T.) PAGE 1 WET EULB TEMPERATURE DEPRESSION (F) TOTAL 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wei Bulb Dew Poin (F) 84/ 83 82/81 80/ 79 11 11 78/ 77 52 76/ 75 1.3 73 73 74/ 73 120 120 72/ 71 .4 1.7 9 2.7 2.1 3 1.8 1.6 147 147 23 70/ 69 267 267 68/ 67 .7 1.7 3.1 3.6 1.7 3.2 268 36 268 ú6/ 65 47 204 204 139 2.2 1.3 2.5 . 7 64/ 63 .4 2.0 1.8 207 207 213 104 1.5 1.5 1.8 .4 3.3 1.4 1.5 169 160 262 160 60/ 59 58/ **57** . 7 185 . 1 185 146 146 90 90 277 215 56/ 55 .3 1.4 216 202 • 1 41 41 54/ 53 239 15 123 16 52/ 51 . 2 • 1 64 149 50/ 49 144 48/ 47 11 20 46/ 45 70 44/ 43 35 42/ 41 40/ 39 32 38/ 37 36/ 35 10 34/ 33 32/ 31 30/ 29 6

Element (X) No. Obs. Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hum. : 0 F 8843356 1809 123382 68.215.388 Dry Bulb 8049693 120283 66.5 5.550 1810 48.3 93 Wet Bulb 6506007 108105 59.8 5.028 1809 93 8.6 Dew Point 5548091 99349 93

1810

1809

1809

1908

العالم المرابع المرابع والمساورة المرابع المرابع والمساورة المرابع والمساورة المرابع المرابع المرابع والمرابع المرابع وا

1.913.712.219.520.618.0 8.2

DATA FRUCESSING REANCH USAF ETAC AIR VEHTHER CLAVICE/MAC

### PSYCHROMETRIC SUMMARY

43311 10: Y TAP JAPAN/ TINSHI 46-54, 56-60, 67-72 PAGE 1 1500-1700

| Temp.            |                 |                | ,             | <del>,</del> _ |              |              | EAL'S    |             |             |          |              |           |            |  |              |              |                | TOTAL  |             | TOTAL           |           |
|------------------|-----------------|----------------|---------------|----------------|--------------|--------------|----------|-------------|-------------|----------|--------------|-----------|------------|--|--------------|--------------|----------------|--|-------------|-----------------|-----------|
| (F)              | 0               | 1 - 2          | 3 · 4         | 5 - 6          | 1 . 8        | 9 - 10       | 11 - 12  | 13 - 14     | 19 - 16     | 17 - 18  | 19 - 20      | 21 - 22   | 23 - 24    | 25 - 26  | 27 - 28      | 29 - 30      | ≥ 31           | D.B./W.B.  | Dry Bulb    | Wet Bulb        | Dew Po    |
| 847 83           |                 | İ              | ļ             | 1              | 1            |              | . 1      |             | 1           |          |              |           |            |  |              |              | i              | 1  | 1           |                 | 1         |
| 82 : 31          |                 | <u> </u>       | <u> </u>      |                | L 1          | ' .          | 1        |             |             |          |              |           |            |  |              |              |                |  | 2           |                 | İ         |
| 87/ 79           |                 | 1              | .1            | • 1            |              | .2           |          | , į         | , 1.        |          |              |           |            |  |              |              |                | 9  | 0           |                 |           |
| 73/ 77           |                 | 1 .1           | 1             | 1              | . 5          | 2            | -        | 3 51        | 1           |          | i 1          |           | '          |  |              |              | ł              |  | 31          |                 | }         |
| 70/ 75           |                 | 1              | , 5           | .6             | 1.1          | . 5          | . 3      |             | - 4-44      |          |              |           |            |  |              |              | l              | 62   | 62          | 4               |           |
| 14. 77           |                 | . 2            | " "           | 1              | 1            | . 7          |          | • 4         | : 4:        |          | i '          |           |            | ł  |              | }            |                | 110  | 110         | 4               | }         |
| 72. 71           |                 | 1 1            | 1.2           | 7.             | 2.0          | 1            | 1.3      |             | بحيست .     |          |              |           |            |  |              | <del> </del> | <del> </del>   |  |             | 23              |           |
| 12 69            |                 | , ,            | 1 4           | 1              | 3.2          | i            | 100      | . 4         | ا الله ا    |          |              |           |            | ł  |              | <b>S</b>     | i              | 164  | 164<br>230  | 54              |           |
| 120/ 67          | . 4             | , 44           | 2.4           | 4 .            | 3.1          | ,            | 9        | <del></del> |             |          |              |           |            | <del>                                     </del> |              |              |                | Ţ  |             |                 |           |
| 2111211          | • •             | 1 7            | 2             | 7.0            |              |              |          | . 3         | į į         |          | [            |           |            | !  | l .          | i            | ļ              | 280  |             |                 |           |
| 64/ 13           |                 |                |               | 2              | 2 0          |              | .,,      |             | -           |          |              |           |            | <del> </del>                                     |              |              | <del> </del>   | 227  | 227         | 144             |           |
| 62/61            |                 | 2.7            | 1.7           | 3.4            | 2.0          | 1 * * .      |          | . 4         | • 1         | İ        |              |           |            | ł  | ļ            | Ì            | ļ              | 236  | 236         |                 |           |
|                  | هري ــــــ<br>د |                | 1 1 2         | 7.0            | 100          | <b></b> ,    |          |             |             |          |              |           |            |  |              |              | <del> </del> - |  | _173        | 280             |           |
| 60/ 59<br>58/ 57 | , :             | 2.4            | 1.2           |                |              | .3           | . 3      |             |             | , ;      |              |           |            | 1  | ļ            |              | ł              | 130  | 130         |                 |           |
|                  |                 |                |               | 7              |              |              |          |             |             |          |              |           |            | <del> </del>                                     | <del> </del> | <del> </del> | <del> </del>   | 7.7  | 77          |                 |           |
| 56/ 55           | • 3             | 1.7            | 0.6           | • 1            | . 2          | 1            |          |             |             |          |              |           |            | ļ  | ļ            | (            | (              | 49   |             |                 |           |
| 54/_53           |                 |                |               |                |              | <del> </del> |          |             |             |          |              |           |            |  | <del> </del> |              | <del> </del>   | 15   | 1-5         | _126            | -21       |
| 52/ 51           | . 1             | 1              | !             | ł              | ,<br>1       |              | 1        |             |             |          |              |           |            | 1  | Į.           | 1            | ļ              | 3  | 3           |                 |           |
| 50/49            | <b></b>         | <u> </u>       | <del></del> i | <del> </del>   | <del> </del> | <del> </del> |          |             |             |          | <del></del>  |           | <u> </u>   | <del> </del>                                     | <del> </del> | <del> </del> | <del> </del>   |  |             | 33              |           |
| 48/ 47           |                 | •1             | .1            | ļ              | ł            |              | ļ,       |             |             |          | }            |           |            | į  | ĺ            | ]            | ļ              | 2  | 2           | 17              |           |
| 46/_45           |                 | <del> </del>   | <del> </del>  | <del> </del>   |              |              |          |             |             |          | <del> </del> |           |            |  | <b> </b> -   |              |                | ļ  |             | 2               |           |
| 44/ 43           |                 | 1              | 1             | l              | 5            | 1            |          |             |             |          |              |           | }          | 1  | 1            | 1            | i              | 1  |             | ł               | [ :       |
| 42/ 41           |                 | <del> </del> - | <del> </del>  | <del> </del>   | <del> </del> | <del> </del> |          |             |             |          |              |           |            | <del> </del>                                     |              |              | <u> </u>       | <u> </u>   |             |                 | <b></b> - |
| 40/ 39           |                 | ]              | 1             | ]              | l            | ] .          | ]        | ]           |             | l        | }            |           | }          | ]  | ]            | Ì            | Ì              |  |             | ]               |           |
| 38/_37           |                 | <del> </del>   | <del> </del>  | <del> </del>   | <del> </del> | ļ            |          |             |             | <u> </u> |              |           |            | <del> </del>                                     | <u> </u>     | <u> </u>     | ļ              | <del> </del>                                     | <u> </u>    | <b> </b>        | ļ         |
| 3 35             |                 | i              | l             | ł              | ĺ            |              | }        | l .         |             |          | l            |           | Ì          | ł  | 1            | Ì            | l              |  | ł           | ĺ               | ł         |
| 34/ .33.         |                 | <del> </del>   | ļ             | <del> </del>   | <u> </u> -   | <u> </u>     | <u> </u> |             |             |          | <u> </u>     |           | <b> </b> - | <u> </u>   |              | <u> </u>     | <u> </u>       | <u> </u>   |             | <b></b>         | <u> </u>  |
| 32/ 31           | 1               | 1              | ]             | 1              | ]            | Ì            | ]        |             | ĺ           |          | ļ            | 1         | 1          | l  | i            | 1            | 1              | 1  | }           | ]               | l         |
| 30. 29           |                 | <u> </u>       | ļ             | <u> </u>       | <u> </u>     | <del> </del> | <u> </u> |             |             |          | <u> </u>     | <u> </u>  | <u> </u>   | <u> </u>   | <u> </u>     | <b> </b>     | <u> </u>       |  |             | <u> </u>        | <u> </u>  |
| OTAL             | 3.0             | 14.5           | 14.5          | 23.1           | 20.5         | 12.3         | 7.3      | 3.2         | 1.0         | .2       | 1            |           |            | İ  | ļ            | i            | 1              | ŀ  | 1802        | j               | 18        |
|                  |                 | <u> </u>       |               | <b> </b>       | <u> </u>     | <u> </u>     | <b>!</b> |             |             |          |              |           |            | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>       | 1802   |             | 1802            |           |
|                  |                 |                | ]             |                | Ì            | 1            | ļ        |             | }           |          | {            | }         | }          | ]  | 1            | [            | 1              | 1  |             | 1               | 1         |
|                  |                 | <del> </del>   | <u> </u>      | ļ              | <u> </u>     | <u> </u>     |          |             |             |          | <u> </u>     |           |            |  |              |              |                | <del> </del>                                     | <u> </u>    | <b>!</b>        | <u> </u>  |
|                  |                 | ]              | 1             | 1              | !            | ĺ            |          |             |             |          | 1            |           | ĺ          |  | ł            | [            |                | [  |             | 1               |           |
| Element (X)      |                 | 7. ,2          |               | <del> </del> - | Z            | <del></del>  | <u> </u> | • 8         | <del></del> | No. OL   | J            | L.,       | L          | L  | Mega         | No. of H     | Oute wit       | h Tempera  |             | <u> </u>        | L         |
| Rel. Hum.        |                 |                | 01.24         |                | 1265         | 6            |          |             |             |          | 02           | ± 0       | F          | ≤ 32 F   | ≥ 67         |              | 73 F           | 2 80 F   | 2 93        | F               | Total     |
| Dry Bulb         |                 |                | 5630          |                | 1192         | 20           | 70.4     |             |             |          |              | <u></u> - |            |  | <del> </del> |              |                | 1 - 00 F   | <del></del> | <del>`- -</del> |           |
| Wet B. 1b        |                 |                |               | 7              |              |              |          |             |             |          | 02           |           |            |  | ,            | -9           | 11,1           | <del>                                     </del> | 3           |                 |           |
| Lew Point        |                 |                | 8 L44         |                | 1081         |              | 60.0     |             |             |          | 02           |           |            |  |              | -5           | 4              | <del> </del>                                     |             |                 |           |
|                  |                 | 500            | 7489          | 1              | 1003         | 11151        | 25.7     | 6.8         | 3/          | 18       | 02           |           |            | 2  | 3            | اوما         |                | L  |             |                 |           |

1: 4

## **PSYCHROMETRIC SUMMARY**

43311 TUKYL 1AP JAPAN/I-IINSHU 46-54,56-60,67-72 ICT
STATION STATION NAME VEARS MONTH

PAGE 1 1800-2000 Hours (L. s. τ.)

| Temp.       |     |            |              |  |  |  |                |  |                | DEPRE        |          |  |         |  |  |         |  | TOTAL  |              | TOTAL  |  |
|-------------|-----|------------|--------------|--|--|--|----------------|--|----------------|--------------|----------|--|---------|--|--|---------|--|--|--------------|--|--|
| (F)         | 0   | 1 - 2      | 3 - 4        | 5 - 6  | 7 - 8  | 9 - 10   | 11 - 12        | 13 - 14  | 15 - 16        | 17 - 18      | 19 - 20  | 21 - 22  | 23 - 24 | 25 - 26  | 27 - 28                                      | 29 - 30 | <b>* 31</b>                                      | D.B. W.B.  | Dry Bulb     | Wet Bulb   | Dew Por  |
| 78/ 77      |     | ]          |              | • i  |  |  |                |  |                |              |          |  |         |  |  |         |  | 1  | 1            |  |  |
| 76/ 75      |     | 2          | - 4          | . 3  | . 3  | .1   |                |  |                |              |          |  |         |  |  |         |  | 24   | 24           |  |  |
| 74/ 73      |     | • 2        | .7           | .8   | . 4  | . 2  | • 2.           |  |                |              |          |  |         |  |  |         |  | 42   | 42           | 4  |  |
| 72/ 71      |     | 4          | 1.4          |  | 7  | 3  | .3             | 1  |                |              |          |  |         |  |  |         |  | 62   | 69           | 14   |  |
| 70/ 69      |     | 1.5        | 3.0          | 1.9  | 1.5  | .4   | . 4            | . 2  |                |              |          |  |         |  |  |         |  | 161  | 161          | 35   | 14   |
| 68/ 67      | 2   | 1.5        | 3.6          | 3.2  | 2.0  | 1.2  | 5              |  |                |              |          |  |         |  |  |         |  | 220  | 220          | 76   |  |
| 66/65       | . 4 | 2.2        | 5.5          | 4.7  |  | 1.1  | .4             | 1  |                |              |          |  |         | <b>!</b>   |  |         | ļ  | 293  | 293          | 126  |  |
| 64/63       | 5   | 3.3        | 4.7          | 3.7  | 2.5  | 1.2  | 5              |  |                |              |          |  |         | ļ  |  |         | L  | 295  |              | 201  |  |
| 62/61       | . 4 |            |              |  | 1.5  | .4   | .4             | • 1  |                |              |          |  |         |  | 1  |         | 1  | 236  |              |  |  |
| 60/ 59      | 7   | 3.8        | 2.5          |  | 1.8  | 6  | 6              |  |                |              |          |  |         | ļ  |  |         |  | 237  | 237          | 279  |  |
| 58/ 57      | . 3 |            | 1.2          |  | .6   | . 2  | .2             |  |                |              |          |  |         |  | ĺ  |         |  | 117  | 117          | 270  |  |
| 56/ 55      | 7   |            | -4           |  | 5  |  |                |  |                |              |          |  |         | <u> </u>   |  |         | <b> </b>   | 7.5  |              | 232  | _20  |
| 54/ 53      | • 2 | • 4        |              | • 2  | • 2  | - 1  |                |  |                |              |          |  |         | ]  |  |         |  | 26   |              |  |  |
| 52/ 51      | 2   | 3          | <del></del>  | <del> </del>                                     |  |  | <del> </del> - |  | <b> </b> -     |              |          |  |         | <del> </del>                                     |  |         |  | <u> </u>   | 8            | 77   |  |
| 50/ 49      |     | 1 . 2      | 1            | ļ  |  | ļ  | ļ              |  | 1              | ļ            |          |  |         | ļ  | \  |         | 1  | 1  | 1 1          | 50<br>20   |  |
| 48/ 47      |     |            | <del> </del> | <del> </del>                                     |  |  | <del> </del>   |  | <del> </del> - |              |          |  |         | <del> </del>                                     |  |         |  | <del> </del>                                     |              | 12   |  |
| 44/ 43      |     | 1          |              | }  |  | ł  | }              | !  | {              | <b>,</b>     |          |  |         | İ  | \  |         | 1  | ŀ  | }            | 1 2  | 2  |
| 42/ 41      |     |            | <del> </del> | <del>                                     </del> |  | <del> </del>                                     |                |  |                | <del> </del> |          |  |         | <del>                                     </del> |  |         |  | <del>                                     </del> |              | <u> </u>   | 1  |
| 40/ 39      |     | \          | <b>\</b>     | 1  |  |  | }              |  | •              | }            |          | }  |         | 1  |  |         | 1  | 1  | 1            | }  | •  |
| 38/ 37      |     | <u> </u>   |              | <u> </u>   |  | i  | i              |  | -              | i            |          |  |         |  |  |         |  |  | 1            |  | 1  |
| 36/ 35      |     | 1          | İ            | 1  | 1  | İ .  | 1              |  |                | ]            |          |  | _       |  |  |         | 1  |  |              | <u> </u>   | i  |
| 34/ 33      |     |            |              |  |  |  |                |  |                | 1            |          |  |         |  |  |         |  |  |              |  |  |
| 32/ 31      |     | )<br>      | <u> </u>     | l  |  | Ì  | <u> </u>       |  | Ì              | ]            |          |  |         | <u> </u>   |  |         | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>   |
| 30/ 29      |     |            |              |  |  |  | į.             | l  |                | 1            |          | )  |         | İ  | 1 1  |         | İ  | 1  | 1            | i  | 1  |
| OTAL        | 3.5 | 20.9       | 27.1         | 24.5   | 13.9   | 6.0  | 3.6            | . 4  |                | <u> </u>     |          |  |         |  |  |         | <u> </u>   |  | 1807         |  | 180  |
| ļ           |     |            |              | ļ  |  |  | ļ              | l  | (              |              | Į        |  |         | 1  | ļ ļ  |         | l  | 1807   | ļ            | 1807   | 1  |
|             |     | <b>↓</b>   |              | <del>-</del>                                     |  |  | <del> </del>   |  | <b> </b>       | <del> </del> | ļ        | ļ  |         | ļ  |  |         | ļ  | ļ  | <del> </del> | <del> </del>                                     | <del> </del>                                     |
| )           |     | !          |              |  | Ì  |  | ]              |  |                |              |          |  |         |  | ]  |         | ]  | }  | 1            | ]  |  |
|             |     | \ <u> </u> | 1            | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | 1              | <del>                                     </del> |                | 1            |          | <del>                                     </del> |         | <del>                                     </del> |  |         | <del>                                     </del> | <u> </u>   |              | <del>                                     </del> | <del>                                     </del> |
|             |     | ļ          | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>       |  |                | <u> </u>     | <u> </u> |  |         |  | <u>                                     </u> |         | ļ  |  | <u> </u>     |  |  |
|             |     |            |              |  |  |  |                |  | 1              |              |          | İ  |         |  | [ ]  |         | 1  |  |              |  |  |
| Element (X) |     | Σχ²        |              |  | Σχ   |  | X              | •,   |                | No. OL       |          |  |         |  |  |         |  | h Tempero  |              |  |  |
| Rel Hum.    |     |            | 0407         |  | 1375   |  |                | 13.5   |                |              | 07       | ≤ 0  | F       | ≤ 32 F   | ≥ 67   | F i     | 73 F   | ≥ 80 F   | ≥ 93         | F  | Total  |
| Dry Pulb    |     |            | 5868         |  | 1153   |  |                | 4.7  |                | 18           | 07       |  |         |  | 26   | .6      | 3,4  |  |              |  | 9  |
| Wet Bulb    |     |            | 13356        |  | 1069   |  |                | 4.9  |                |              | 07       |  | _ _     |  | 6  |         |  | <del> </del>                                     |              |  | 9  |
| Dew Point   |     | 569        | 21013        | <u> </u>   | 1006   | 15   | 55.7           | 6.7  | 62             | 18           | 05       |  | L       | 2  | 1 3  |         |  |  |              | L_   |  |

FORM 0.26-5 (OL A) REVISED PREVIO

SAFETAC POR

45-26-1-1 w

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SEPVICE/MAC 43311 TORY TAP JAPAN / HONSHU 46-54-56-60-67-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W B. Dry Bulb Wet Bulb Dew Point 78/ 77 76/ 75 74/ 73 18 72/ 71 70/ 69 6 1.2 70 14 70 59 68/ 67 169 34 169 66/ 65 3.0 97 60 225 225 64/ 63 .6 62/ 61 3.6 5.0 4.0 . 2 272 272 249 149 60/ 59 198 280 280 3.3 2.9 234 58/ 57 2.1 191 . 6 192 271 56/ 55 112 258 240 54/ 53 56 163 201 52/ 51 99 160 30 30/ 49 . 1 . 1 81 131 • 1 . 1 48/47 28 66 46/ 45 25 72 44/ 63 42/41 31 38/ 37 13 36/ 35 34/ 33 32/ 31 TOTAL 3.528.531.121.5 9.8 4.2 1.0 1798 1797 1798 a õ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ± 0 F ≤ 32 F ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 11449719 141647 78.812.586 1797 62.1 4.674 58.1 5.104 Dry Bulb 111636 1798 6970618 Wet Bulb 6120838 1798 104504 Dew Point

1797

1 45

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正不能工

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SEPVICE/MAC

## **PSYCHROMETRIC SUMMARY**

43311 IUKY IAP JAPAN/HINSHU 

| Temp.       |                |  |              |  |              | WET      | BULB      | EMPER      | ATURE                                  | DEPRE  | SSION (    | F)           |          |            |  |                   |              | TOTAL        |                | TOTAL       |             |
|-------------|----------------|--|--------------|--|--------------|----------|-----------|------------|--|--|------------|--------------|----------|------------|--|-------------------|--------------|--------------|----------------|-------------|-------------|
| (F)         | 0              | 1 . 2  | 3 - 4        | 5 - 6                                  | 7 - 8        | 9 - 10   | 11 - 12   | 13 - 14    | 15 - 16                                | 17 - 18  | 19 - 20    | 21 - 22      | 23 - 24  | 25 - 26    | 27 - 28                                | 29 - 30           | ≥ 31         | D.B./W.B.    | Dry Bulb       | Wet Bulb    | Dew Point   |
| 72/ 71      |                | ì  | 1.1          | .1                                     |              |          |           | ,          | }                                      |  |            | i            |          |            | ı i                                    |                   | 1            | 3            | اج ا           | į i         | i           |
| 68/ 67      |                |  |              | 2                                      | 1            |          |           |            |  | <u> </u>   |            |              |          |            |  |                   |              | - 4          | 4              | 2           | L           |
| 66/ 65      |                | .1   | .2           | • 1                                    | . 1          |          | . 1       | ļ į        | l                                      | į į  |            |              | - 1      |            |  |                   |              | 10           | 10             | 1           | 1           |
| 64/ 63      | 1              | 1  | 2            | 4                                      | 2            | 1        | 1         |            |  |  |            |              |          |            |  |                   |              | 21           | 21             | 8           | 3           |
| 62/61       | . 4            | .6   | .6           | . 4                                    | . 2          | . 2      | . 1       | ·          | }                                      | ]  |            |              |          |            |  |                   |              | 40           | 40             |             |             |
| 60/ 59      | 4              |  | 1.5          | مت                                     | 2            | 2        | 1         |            | <u> </u>                               |  |            |              |          |            |  |                   |              | 85           | 85             |             |             |
| 58/ 57      | . 2            | 2.4  | 3.6          | 1.5                                    | .5           | - 1      | • 1       |            |  |  |            |              |          |            | . (                                    |                   | l            | 136          |                |             |             |
| 56/ 55      | 2              |  | <del></del>  | عمل                                    | - 4          | 2        | 1         |            |  |  |            |              |          |            |  |                   |              | _165         | 165            |             |             |
| 54/ 53      | . 3            | 4.7  | 3.7          |  | 1.3          | . 4      |           |            |  | 1  |            |              |          |            |  |                   |              | 206          | 206            |             |             |
| 52/ 51      | 2              | 4.2  | 4.9          | کہ قــ                                 | 1.9          | 1        |           |            |  |  |            |              |          |            |  |                   | <b> </b> -   | 244          | 244            | 178         |             |
| 50/ 49      | . 2            |  |              | 2.3                                    | 1.3          | . 2      |           |            | ł                                      |  |            | [            |          |            |  |                   | ĺ            | 191          | 193            |             | 167         |
| 48/47       | 4              | 3.1  | 3.6          | للمل                                   | 1.3          | 2        |           |            | <del> </del>                           | <del> </del>                                     | <b> </b> - |              |          |            |  |                   | <del> </del> | 169          |                |             |             |
| 46/ 45      | . 2            | 3,1  | 2.9          | 2.5                                    | 1.4          | . 3      |           |            | ļ                                      | l  |            | [            |          | [          |  |                   |              | 170          |                |             |             |
| 44/43       | 1              | 1.3  |              | 1.3                                    |              | 1        |           |            |  | <del> </del>                                     |            |              |          |            |  |                   |              | 90           | 90             |             |             |
| 42/41       | • 1            | . 9  | 1.3          | • 9                                    | . 5          |          | i         | 1          | ļ                                      | ļ  |            |              |          |            |  |                   |              | 59           | ) .            | 1           | 158         |
| 40/_39      |                |  |              |  | <del> </del> |          |           |            |  | <del> </del> -                                   |            |              |          |            |  |                   |              | 29           |                |             |             |
| 38/ 37      |                | •2   | . 2          | ١.                                     | ļ            |          |           | 1          |  | ļ  |            | (            |          | <b>i</b> ' |  |                   | ļ            | 6            | 6              |             |             |
| 36/ 35      |                | <del> </del> -                                   |              |  | <del> </del> |          |           |            |  |  |            | <b></b>      |          |            |  |                   |              | 3            | 3              | 36          |             |
| 34/ 33      |                | 1  | ſ            | ļ                                      | 1            | ì        |           | }          | 1                                      | 1  | ĺ          | [            |          |            | i i                                    |                   | 1            | 1            |                | 12          |             |
| 32/ 31      |                | <del>                                     </del> | <del> </del> |  |              | <u> </u> |           |            | <del> </del>                           | <del>                                     </del> | -          | <del> </del> |          |            |  |                   |              | <del> </del> | <del></del>    |             | 66          |
| 30/ 29      |                | 1  | 1            |  | ļ            | ļ        | }         | <b>!</b>   | į                                      | {  | }          |              |          | i          |  |                   | {            | {            | }              |             | 30          |
| 26/ 25      |                | <u> </u>   | 1            |  | <del> </del> |          |           |            | i                                      | <del>                                     </del> |            | <b> </b>     |          |            |  |                   |              | 1            |                |             | 18          |
| 24/ 23      |                | 1  |              | ĺ                                      | 1            | ļ        |           | 1          | [                                      | 1  | í          | i            | l        |            |  |                   |              |              | ļ              |             | 10          |
| 22/ 21      |                |  | 1            |  | 1            |          |           |            | $\vdash$                               | <del>                                     </del> |            |              |          | 1          |  |                   |              |              |                |             | 6           |
| 20/ 19      | }              |  | ì            | }                                      | 1            | 1        | 1         | }          | 1                                      | 1  | 1          | }            |          | 1          | }                                      |                   | }            | }            | 1              | }           | 1 3         |
| TUTAL       | 2.9            | 31.1   | 32.9         | 24.3                                   | 10.2         | 2.1      | .6        |            |  |  |            |              |          |            |  |                   |              |              | 1633           |             | 1631        |
|             |                |  |              |  |              |          |           |            |  | l  |            | L            | Ĺ        |            |  |                   | <u> </u>     | 1631         |                | 1631        |             |
|             |                | i  |              |  |              |          |           |            |  |  |            |              |          |            |  |                   |              |              |                |             |             |
|             |                | <u> </u>   | <u> </u>     | İ                                      |              | <u></u>  |           | <u> </u>   |  | !  |            |              |          | <u> </u>   | <u> </u>                               |                   |              | <u> </u>     |                |             | <u> </u>    |
| 1           |                |  | i            |  |              | 1        |           | -          |  | 1  |            | 1            | ·        |            | •                                      |                   |              | _            | 1              | 1           |             |
|             |                |  | <u> </u>     |  |              |          | <u> </u>  |            |  |  |            |              |          |            |  |                   |              | <u> </u>     |                | <u> </u>    | <del></del> |
| l           |                |  | l            |  |              |          | !         | ļ          |  |  |            |              | ĺ        |            | ] ;                                    |                   |              |              |                | ļ           | 1           |
| <u></u>     | ļ <u>.</u>     | ل  | <u></u>      |  | <u></u>      | <u> </u> | ـــــــ ا |            | ــــــــــــــــــــــــــــــــــــــ | <u> </u>   | <u> </u>   |              | <u> </u> | <u> </u>   | <u> </u>                               | <u> </u>          | <u></u>      |              | <u> </u>       | <u> </u>    | <del></del> |
| Element (X) | <u> </u>       | Σχ,  |              |  | ZX           |          | <u>X</u>  | <b>"</b> A |  | No. O  |            |              |          | - 20 5     |  |                   |              | h Tempera    |                |             | Tatal       |
| Rel. Hum.   | <del> </del> - |  | 0389         |  | 1235         |          |           | 13.6       |  |  | 31         | 10           | -        | ≤ 32 F     | ≥ 67                                   |                   | 73 F         | ≥ 80 F       | ≥ 93           | <del></del> | Total       |
| Dry Bulb    | <del></del>    |  | 6583         |  | 837          |          |           | 5.6        |  |  | 33         |              |          |            |  | •4                |              | <del> </del> | · <del> </del> |             | 90          |
| Dew Point   | <b> </b>       |  | 6474         |  | 775          |          |           | 6.0        |  |  | 41_        |              | -+-      | 2          |  | <del>-   </del> - |              | <del> </del> | <del></del>    | <del></del> | 90          |
| Dem Lout    |                | 319  | 7154         | ــــــــــــــــــــــــــــــــــــــ | 709          | 30       | 43.5      | 11.1       | 131_                                   | 16   | للت        |              |          | 9.2        | ــــــــــــــــــــــــــــــــــــــ |                   |              | <u> </u>     |                |             | - 30        |

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 43311 TOKY LAP JAPAN/HUNSHU 47-54,56-60,67-72 11. V PAGE 1 0300-0500 HOURS (L. S. T.) WET COLB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 1 - 2 3 - 4 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 68/ 67 . 1 4.3 66/ 65 64/ 63 62/ 61 1 8 8 26 26 8 14 10 60/ 59 1.9 68 68 58/ 57 1.2 104 104 36 2.8 3.4 1.3 56/ 55 148 148 59 47 54/ 53 3.9 3.3 122 160 160 52/ 51 4.8 1.8 5.7 3.6 93 5.1 214 . 2 215 149 184 50/ 49 241 243 146 48/ 47 .3 4,0 3.8 2.4 . 1 188 188 188 158 46/ 45 2.0 2.5 1.6 1.5 2.1 1.1 44/ 43 181 109 109 165 . 1 137 83 153 83 128 40/ 39 . 8 38 38 147 38/ 37 70 110 . 5 36/ 35 • L • 1 10 59 107 82 34/ 33 32/ 31 80 48 30/ 29 28/ 27 32 24/ 23 22/ 21 12 2 20/ 19 14/ 13 TOTAL. 2.733.635.519.9 6.4 1.7 1639 1637 a ŝ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature 125531 9903205 76.713.013 163? ≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total Dry Bulb 90 16.12 4131115 81747 49.9 5.736 Wet Bulb 3578129 75863 46.4 6.072 .\_143c. 90 Dew Point 69599 42.5 7.946 3062371

The second of th

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

43311 IBKY. IAP JAPAN/HUNSHU

## PSYCHROMETRIC SUMMARY

| Temp.               |       |        |  |          |       | WET  | BULB T | EMPER    | ATURE | DEPRE          | SSION (      | F)       |         |  |  |              |          | TOTAL        |          | TOTAL        |  |
|---------------------|-------|--------|--|----------|-------|------|--------|----------|-------|----------------|--------------|----------|---------|--|--|--------------|----------|--------------|----------|--------------|--|
| (F)                 | 0     | 1 - 2  | 3 - 4  | 5 - 6    | 7 - 8 |      |        |          |       | 17 - 18        |              |          | 23 - 24 | 25 - 26  | 27 - 28  | 29 - 30      | ≥ 31     | D.B. W.B.    | Dry Bulb |              | Dew Po   |
| 0/ 69               |       |        |  | • 1      |       |      |        |          |       |                |              |          |         |  |  |              |          | 1            | 1        |              |  |
| 8/ 67               | 1     |        | - 1  | ` `^     |       |      | }      |          |       | 1              |              |          |         | 1  |  |              |          | 2            | _2       |              |  |
| 6/ 65               |       |        |  |          | • 1   |      |        |          |       |                |              |          |         |  |  |              |          | 2            | 2        |              |  |
| 4/ 63               | 1     | . 1    |  | . 3      | ' •   | ا را |        | - 1      |       | ) '            |              |          |         | )  | ) '  |              |          | 9            | _9       | _ 3          |  |
| 2/ 61               |       | . 6    | . 4  | . 4      | • 1   | • 1  |        |          |       | I —            |              |          |         |  |  |              |          | 26           | 26       | 4            |  |
| 0/ 59               | 2     | _1.6   | 7  | 9        | 5     | 4    | 2      | l        |       |                |              |          |         |  | <u> </u>   |              |          | 74           | 74       | 16           | 1  |
| 8/ 57               | . 4   | 2.0    | 2.1  | 1.2      | . 3   | . 1  | . 1    |          |       |                |              |          |         |  | 1  |              |          | 102          | 102      | 45           | 1  |
| 6/ 55               |       | 2.2    | 2.7  | 1.4      | 5     | 2    |        |          |       |                |              |          |         |  |  |              |          | 122          | 124      | 60           | 1  |
| 4/ 53               | . 5   | 3.0    | 4.6  | 2.0      | 8.    | . 5  |        | ł        |       | i              | l i          |          |         |  | _  |              |          | 190          | 190      | 117          | 6  |
| 2/ 51               | 5     | 3.7    | 4.1  | 2.7      | 5     | ,2   |        | ]        |       | <u> </u>       |              |          |         |  |  |              |          | 195          | 193      | 130          |  |
| 0/ 49               | . 4   | 3.3    | 5.5  | 2.8      | 1.2   | . 4  |        | ľ        |       | Ì              |              |          |         |  | 1  | l ,          |          | 223          | 225      | 183          | 14   |
| 8/47                | 2     | 3.0    |  | 2.1      | 1.0   | 1    |        |          |       |                |              |          |         |  | <u> </u>   |              |          | 183          | 183      | _198         |  |
| 6/ 45               | . 3   | 3.6    | 4.1  | 3.0      | . 8   | . 2  |        | i        |       | 1              |              |          |         | İ  | l  |              |          | 198          | 198      | 211          | 10   |
| 4/ 43               | +4    | 2.4    | 2.9  | _1.2     | 2     |      |        |          |       | ļ              |              |          |         |  |  |              | ·        | 127          | 127      | 203          | 1_1  |
| 2/ 41               |       | 1.3    | 2.5  | 1.6      | . 4   |      |        | ì        |       |                |              |          |         |  | ŀ  | ł            |          | 100          | 100      | 157          | 1  |
| 0/ 39               | •1    | 1.1    | 1.3  | 5        |       |      | !      |          |       | <del> </del>   |              |          |         | <u> </u>   | ļ  |              |          | <u>  50</u>  | 50       | _i26         | 1  |
| 8/ 37               | • i   | . 4    | .7   | • 2      |       |      |        |          |       | l              |              |          |         | Į  | Į  | Į            |          | 22           | 22       | 93           |  |
| 6/ 35               |       | 7      |  |          |       |      |        |          |       | <del> </del>   |              |          |         | <del> </del>                                     |  | <u> </u>     |          | 21           | - 21     | 62           |  |
| 4/ 33               | - 1   | . 2    | . 1  |          |       |      |        |          |       |                |              |          |         | ļ  | ļ  | ļ            |          | 4            | 4        |              |  |
| 2/_31               |       |        | <del> </del>                                     |          |       |      |        |          |       | <del> </del>   |              |          |         |  | <del> </del>                                     |              |          |              |          | 13           | _  |
| 0/ 29               |       |        |  |          |       |      |        |          |       | 1              |              |          |         | ļ  | ļ  | ļ            |          | ! !          | 1        | 2            |  |
| 8/27                |       |        | <del> </del> -                                   |          |       |      |        |          |       | <del> </del>   |              |          |         | <del> </del>                                     |  | <del> </del> |          |              |          |              | ļ  |
| 6/ 25               |       |        | ļ  |          |       |      |        |          |       | ļ .            |              |          | i       | ļ  | 1  | ĺ            |          | 1            |          | 1            | '  |
| 4/23                |       |        |  |          |       |      |        |          |       |                |              |          |         | -  | <del> </del>                                     |              |          |              |          |              | <del> </del> i                                   |
| 2/ 21               | ļ     |        | ļ  | İ        |       |      |        |          |       | }              |              |          |         | 1  | ļ  | Í            |          | [ [          |          | 1            | ļ  |
| TAL                 | 7 0   | 20 2   | 37.1   | 21 7     | 4 K   | 2 /  |        |          |       | <del> </del> - | <del> </del> |          |         | <del> </del>                                     | <del>                                     </del> |              |          |              | 1/58     | <del> </del> | 16   |
| 'AL                 | 3 . 2 | C7 . C | 5,.1   | 51.1     | 0.5   | 6.4  | • 4    | • 1      |       | 1              |              | <b>!</b> |         | 1  |  | <b>\</b>     |          | 1651         | 1655     | 1651         |  |
|                     |       |        | <del>                                     </del> |          |       |      |        |          |       | 1              |              |          |         | <del>                                     </del> | <del> </del>                                     | <del></del>  |          | 1-1021       |          | 1021         | <del>                                     </del> |
| [                   |       |        |  | ,        |       |      |        |          |       |                | [            |          |         |  |  | 1            | 1        | ] ]          |          | i            |  |
|                     |       |        | <u> </u>   |          |       |      |        |          | _     | T              |              |          |         | <del>                                     </del> | Γ  | <u> </u>     | l        |              |          |              | $\Gamma$   |
|                     |       |        | 1  |          |       |      |        |          |       | 1              | 1            |          |         | {  |  | <b> </b>     | 1        | 1 _ 1        | l        | <u></u>      | <u> </u>   |
|                     |       |        |  |          |       |      |        |          |       | ]              |              |          |         | <u> </u>   |  | T            |          |              |          |              |  |
|                     |       |        |  |          |       |      |        |          |       | <u> </u>       | <u> </u>     |          |         | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u> |              |          | <u> </u>     | <u> </u>   |
| ement (X)           |       | Σχ²    |  |          | Σχ    | _ _  | X      | <b>₹</b> |       | No. Ol         |              |          |         |  |  |              |          | h Temperot   | ~~~~     | <u></u>      |  |
| I. Hum.             |       |        | 6378   |          | 1248  |      | 75.6   |          |       | 16             | _            | _ 1 0    | F       | ≤ 32 F   | ≥ 67   | <u></u>      | 73 F     | ≥ 80 F       | ≥ 93     | -            | Total  |
| y Buib              |       |        | 4343   |          | 820   |      | 49.6   |          |       |                | 55           |          |         |  | <del> </del>                                     | -2 -         |          | <del> </del> |          |              |  |
| et Bulb<br>ew Point |       | 353    | 9928   | <u> </u> | 717   | 92   | 45.9   | 6.0      | 59    | 16             | 51           |          |         | 8  | <u> </u>   |              |          | ļ            |          |              |  |

47-54.56-60.67-72

FORM 0-26-5 (OL A) BEVISED MEYICUS EDITIONS OF THIS K

DATA PRUCESSING BRANCH
USAF ETAC
AIR MEATHER SERVICE/HAC

### PSYCHROMETRIC SUMMARY

47-54-50-60-67-72 YEARS 4331 TERYLL TAP JAPAN/HINSHU 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 23 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point 74/ 73 72/ 71 70/ 69 13 13 68/ **67** 20 66/ 65 1.0 49 49 1 64/ 63 90 .9 2.2 2.3 26 11 62/ 61 121 121 60/ 59 172 172 20 • 1 58/ 57 1.2 1.8 3.1 162 85 27 • 6 163 56/ 55 2.8 141 4.2 215 5.1 54/ 53 1.3 2.4 3.4 . 2 2.6 192 192 163 72 193 193 109 50/ 49 48/ 47 .3 2.7 3.3 1.8 152 132 226 144 او 190 1.6 108 108 137 1.0 1.0 1.5 76 187 167 76 44/ 43 38 149 136 38 .6 42/ 41 108 20 20 163 . 6 • 1 . 3 40/ 39 88 118 38/ 37 36/ 35 23 101 ค7 34/ 33 67 32/ 31 79 30/ 29 55 28/ 27 36 26/ 25 11 24/ 23 13 22/ 21 13 20/ 19 18/ 17 16/ 15 1.911.219.529.020.810.6 4.5 1.9 TOTAL 1637 1636 1636 Element (X) ZX No. Obs. Mean No. of Hours with Temperature 107813 ≤ 32 F ≥ 67 F Rel. Hum. 7501631 65.915.577 1636 54.8 6.054 49.0 5.859 42.9 8.367 90 Dry Bulb 4982998 89772 1637 2.1 Wet Bulb 80159 90 3983667 1636 Dew Point <u>3131528|</u>

26-5 (OL A) IEVISEO PEEVIOUS EDITIONS OF THIS FORM ARE O

C FOLM 0.26-5 (OLA)

USAFETAC FOL

#### PSYCHROMETRIC SUMMARY

43311 THEYE TAP JAPAN/HINSHII 47-54,56-60,67-72 PASE 1 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Builb Wet Builb Dew Point (F) 76/ 75 72/ 71 14 14 . 1 70/ 69 54 54 1.2 68/ 67 • 7 .1 73 73 2 66/ 65 . 8 1.5 .5 15 8 64/ 63 2.6 147 2.3 147 62/ 61 153 153 92 2.1 60/ 59 29 3.2 3.0 2. 238 238 58/ 57 219 140 58 56/ 55 1.0 1.8 2.3 201 67 . 1 1.8 167 . 7 167 191 121 54/ 53 144 149 191 52/ 51 1.0 1.8 2.0 107 109 121 50/ 49 200 161 . 8 48/ 47 . 5 . 2 55 55 165 156 . 1 1.0 46/ 45 154 107 . 3 117 . 1 44/ 43 15 15 42/ 41 142 40/ 39 30 106 38/ 37 81 36/ 35 77 . 1 34/ 33 49 32/ 31 69 30/ 29 31 78/ 27 28 26/ 25 16 24/ 23 15 20/ 19 1 18/ 17 16/ 15 2 14/ 13 TOTAL 1.3 9.714.520.423.017.1 8.0 4.0 1.5 1641 . 3 1641 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 6876443 62,616.573 1641 Dry Bulb 45508 58.2 6.181 51.3 5.815 5621330 1641 ÇÇ Wet Bulb 84195 1641 90 4375263 Daw Point 3389327 90 73199 R. 702

ORM 0-26-5 (OLA) IN 1510 MEYPOUS EQUIDMS OF THIS FORM ARE OBSOLUTE

AFETAC FORM 0.24.5

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC 47-54.56-60.67-72 YEAR 4331 TULY: TAP JAPAN/HINSHI WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 76/ 75 . 1 72/ 71 70/ 69 • 1 . 1 34 1 68/ 67 75 .5 2.4 1.7 . 6 2 66/ 65 126 126 13 64/ 63 141 62/ 61 173 173 13 100 60/ 59 216 58/ 57 1.6 3.1 2.8 2.5 1.9 228 228 169 56/ 55 179 2.2 1.9 1.7 1.6 2.5 1.6 149 54/ 53 157 157 211 52/ 51 146 146 176 .3 1.0 1.1 1.1 1.0 50/ 49 87 205 167 87 160 48/ 47 146 • 0 43 46/ 45 . 2 . 5 . 3 23 23 154 151 44/ 43 42/ 41 72 117 . 3 40/ 39 84 38/ 37 68 36/ 35 77 34/ 33 56 32/ 31 30/ 29 28/ 27 28 26/ 25 16 24/ 23 22/ 21 20/ 19 18/ 17 14/ 13 TOTAL 1.612.016.926.518.713.6 7.1 2.8 1659 1659 No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 7608575 108953 65.716.533 1659 Dry Bulb 5631855 96167 58.0 5.882 1659 90

51.7 5.840

1659

90

85771

75810

Wet Bulb

4490949

2

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

43311 TINKYII TAP JAPAN/HINSHU 47-54.50-60.67-72 YEARS MONTH

| Temp                 |              |  |              |  |              |              | BULB T    |           |             |  |             |              |  |  |               |  |  | TOTAL          |             | TOTAL        |          |
|----------------------|--------------|--|--------------|--|--------------|--------------|-----------|-----------|-------------|--|-------------|--------------|--|--|---------------|--|--|----------------|-------------|--------------|----------|
| (F)                  | 0            | 1 - 2  | 3 - 4        | 5 - 6  | 7 - 8        | 9 - 10       | 11 - 12   | 13 - 14   | 15 - 16     | 17 - 18  | 19 - 20     | 21 - 22      | 23 - 24  | 25 - 26  | 27 - 28       | 29 - 30  | 2 31   | D.B./W.B.      | Dry Bulb    | Wet Bulb     | Dew Poin |
| 70/ 69               | İ            |  | .2           | . 2  | • 1          |              |           |           | .           |  |             |              |  | . !  |               |  |  | 8              | ន           |              |          |
| 68/ 67               |              | 1  | .6           | 2  |              |              | 1-4       |           |             |  |             |              |  | <b> </b>   |               |  | <u> </u>   | 24             | 24          |              | <b></b>  |
| 66/ 65               | !            | • 2  |              | . 8  | .6           |              | • 3       | • 1       | . [         |  |             |              |  | 1 }  |               |  | '  | 49             | 49          |              |          |
| 64/ 63               |              | 7  | 1.1          | 2.5  | - 8          |              |           |           |             |  | - $+$       |              |  |  |               |  |  | 98             | 9.8         |              |          |
| 62/ 61               | • 1          |  | 2.8          |  |              | .5           | . 2       | ,         |             |  |             |              |  |  |               | l  |  | 152            | 152         |              |          |
| 60/ 59               | <del>}</del> | 2.2  |              | 4.3  | 2.0          | · · ·        | 7         |           |             | -  |             |              |  | $\vdash$   |               | <del> </del>                                     | ├  | 217            | 217         | 85           | 35       |
| 58/ <b>57</b> 56/ 55 | . 4          |  |              | 2.7  | 2.1          | 1.1          |           | • 1       |             | .  |             |              |  |  |               |  |  | 203            | 203<br>230  |              | 8 C      |
| 54/ 53               | .3           |  |              |  |              |              |           | . 1       |             |  |             |              |  |  |               |  |  | 234            | 234         |              |          |
| 52/ 51               | 2            | 1.4  | 2.2          | 2.2  | 1.3          | 7            | <u>' </u> | 1         | 1           |  |             |              |  | <del>                                     </del> |               |  | <u> </u>   | 134            | _134        | 205          | 164      |
| 50/ 49               | . 4          | 1.0  |              | 1.6  |              | . 8          |           | - 1       |             |  |             |              | į 1  |  |               |  |  | 117            | 117         |              |          |
| 48/ 47               | 2            | <del></del>                                      |              | 1.1  | 2            |              |           |           |             |  |             | <del></del>  | <del>                                     </del> | <del>  </del>                                    | <del></del>   | <del> </del>                                     | <del>                                     </del> | 86             | 86          |              | _        |
| 46/ 45               | . 1          | 1.1  | . 5          | . 8  | 9.5          |              | 1         |           |             |  |             |              |  |  |               |  |  | 62             | 62<br>23    | 150<br>92    | 16       |
| 42/ 41               |              | .5   |              |  | .3           |              |           |           |             |  |             |              |  |  |               |  |  | 15             | 15          |              |          |
| 40/ 39               |              |  |              |  | 1            | <u> </u>     |           |           |             | $\longrightarrow$                                |             |              |  |  |               | <u> </u>   | <u> </u>   | 2              |             | 52           | 8;       |
| 38/ 37               |              |  |              |  | 1            |              |           |           |             |  | ļ           |              |  |  |               |  |  | 1              | 1           | 28           |          |
| 36/ 35               |              |  | <b> </b>     |  | <u> </u>     | <del> </del> |           |           | <b></b>     |  |             | $\vdash$     | <b></b>  |  | <del>  </del> |  | ├──  | <del>├──</del> |             | 10           |          |
| 34/ 33               |              |  |              | 1 1  |              |              |           |           |             |  |             |              |  | 1 1  | į '           |  | İ  |                | 1           | ا ا          | 5        |
| 32/ 31<br>30/ 29     |              | ├──  | <del></del>  | -  |              |              |           |           | <del></del> |  |             |              |  | <del>                                     </del> | <b></b> -     | <del>                                     </del> | ┼  | 1              |             |              | 2:       |
| 28/ 27               |              | ļ  |              |  |              |              |           |           |             |  |             |              |  |  | !             |  |  |                |             | *            | 2        |
| 26/ 25               |              |  | $\vdash$     |  |              |              |           |           |             |  |             |              |  |  |               |  | <u> </u>   |                |             |              | 1        |
| 24/ 23               |              | <u> </u>   |              |  |              |              |           |           |             |  |             |              |  |  |               |  | <u> </u>   |                |             |              | i        |
| 22/ 21               |              |  |              |  |              |              |           |           |             |  |             |              |  |  |               |  | Γ  | Γ Ι            |             | [            |          |
| 20/ 19               |              | <u> </u>   | <b>↓</b>     | <del>                                     </del> |              | <u> </u>     | <b> </b>  |           |             |  |             |              |  |  |               | <u> </u>   | <del> </del>                                     | <u> </u>       |             |              |          |
| 18/ 17               |              |  |              |  |              |              |           |           |             |  | , 1         |              |  |  |               | ļ  |  |                |             |              |          |
| 16/ 15               |              | <del> </del> —−                                  | <del> </del> |  | <del> </del> | <del> </del> |           | <b></b> - |             |  |             | <del> </del> |  |  |               | ├  | <del> </del>                                     | +-+            |             | <del> </del> |          |
| 12/ 11               | • •          | .,, ,  | L .          | 3 7 0  |              | , ,,         | ار . ا    | ارا       | ,           |  |             | Į ļ          |  |  |               |  |  |                |             | !            | 165      |
| DTAL                 | _2.0         | 11.  | 20.Y         | 27.0   | 10.4         | 7+8          | 2.5       |           |             | <del>                                     </del> |             |              |  | 1  |               | <del>                                     </del> | <del>                                     </del> | 1655           | 1655        | 1655         |          |
|                      |              |  |              |  |              |              |           |           |             | 1 1  |             |              | 1  |  |               |  |  | 1022           |             | 1025         |          |
|                      |              | <del>                                     </del> |              |  |              |              |           |           |             |  |             |              |  |  |               |  |  |                |             |              |          |
| Element (X)          |              | Σχ²  | <u> </u>     |  | ZX           | ┸┯           | l X       | 7,        | Ц           | No. Ob   | . 1         |              | L  | لـــــا  | Menn          | No. of H   | lours will                                       | h Temperat     | ure.        | L            |          |
| Rel Hum.             |              |  | 1681         |  | 1174         | 0.1          | 70.9      |           |             | 16   | <del></del> | ± 0 ∣        | F  | ≤ 32 F   | ≥ 67          |  | 73 F   | ≥ 80 F         | z 93        | F            | Total    |
| Dry Bulb             |              |  | 5709         |  | 921          |              | 55.7      |           |             | 16   |             |              |  |  | <del></del>   | .7   |  |                | +           |              | g        |
| Wet Bulb             |              |  | 7901         |  | 839          |              | 50.7      |           |             | 16   |             |              |  | . 2  |               | •  |  | 1              |             |              | 9        |
| Dew Point            |              |  | 6817         |  | 758          |              | 45.8      |           |             | 16   |             |              |  | 7.1  |               | $\overline{}$                                    |  | 1              | <del></del> |              |          |

OEM 0.26-5 (OL /

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC TURYL TAP JAPAN/HUNSHU 47-54,56-60,67-72 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 70/ 69 68/ 67 66/ 65 12 12 • 2 64/ 63 10 10 42 42 2.3 1.3 99 21 62/ 61 1.5 99 60/ 59 3.0 51 31 1.6 135 58/ 57 2.0 100 . 2 4.0 2.4 159 52 . 2 159 56/ 55 204 204 123 67 54/ 53 52/ 51 4.0 4.4 3.7 2.1 247 247 185 101 211 211 200 161 1.7 189 50/ 49 2.3 3.8 163 163 166 48/ 47 135 124 124 46/ 45 1.9 2.3 166 175 1.0 1.0 . 3 121 121 158 44/ 43 130 42/ 41 40/ 39 85 128 43 43 92 98 C 78 38/ 37 36 70 36/ 35 34/ 33 52 32/ 31 30/ 29 28/ 27 20 26/ 25 17 īo 24/ 23 22/ 21 20/ 19 11 18/ 17 16/ 15 14/ 13 TOTAL 1642 1642 No. Obs. Mean No. of Hours with Temperature Element (X) ZX 10 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 121788 74.213.684 1642 9340368 90 Dry Bulb

3

8

1

90

90

- T

Wet Bulb

Dew Point

4710053

4019918

3411982

87439

80614

73588

53.3 5.725

49.1 6.155

1642

1642

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC 43311 TOKYL TAP JAPAN HINSHII

### PSYCHROMETRIC SUMMARY

0000-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 . 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 66/ 65 . 1 62/ 61 13 60/ 59 13 58/ 57 56/ 55 . 2 .1 20 20 2 54/ 53 35 52/ 51 57 57 21 19 50/ 49 25 2.2 72 48/ 47 . 3 2.5 2.1 36 149 149 46/45 209 58 . 2 44/ 43 2.5 223 223 82 42/ 41 199 104 264 266 3.5 5.0 40/ 39 2.9 227 227 250 115 239 1.9 3.0 170 36/ 35 . 2 2.2 220 132 132 34/\_33 ac RC 169 180 32/ 31 23 23 168 171 30/ 29 79 123 28/ 27 28 129 26/ 25 93 99 24/ 23 22/ 21 94 20/ 19 49 18/ 28 16/ 15 22 Я 12/ 11 8

46-54-50-60-67-72 YEARS

0.26-5

10/ 8/ 7

Elsment (X) No. Obs. Mean No. of Hours with Temperature ≤ 32 F 267 F 273 F 280 F 293 F Ret. Hum. 10F 9248694 125862 70.414.842 1789 Dry Bulb 42.4 5.675 1792 3284041 76037 2.1 Wer Bulb 38.6 5.819 1789 63 2724945 69029 15.0 02

1789

1789

The second second second second

DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/HAC 4331 TUFY TAP JAPAN/HINSHU 46-54,56-60,67-72 DFC MONTH PAGE 1 0300=0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W.B. Dry Bulb Wet Bulb Dew Point 62/ 61 60/ 59 58/ 57 12 12 56/ 55 13 3 54/ 53 24 24 50/ 49 1.9 77 421 2.3 77 1.9 48/ 47 109 109 66 46/ 45 210 71 59 211 120 60 44/ 43 171 172 81 42/ 41 3.6 5.6 2.4 244 246 142 40/ 39 239 99 3.1 3.5 3.3 3.4 3.9 3.2 114 38/ 37 .6 198 199 256 240 174 36/ 35 200 202 34/ 33 2.0 1.1 133 133 193 175 190 185 32/ 31 8 49 49 119 174 30/ 29 .4 1.2 3. 32 28/ 113 . 1 27 26/ 25 101 24/ 23 22/ 21 108 20/ 60 19 18/ 17 30 14/ 13 10/ 6/ ĝ 0/ -1 0.26.5 TOTAL 3.429.238.121.8 6.1 1.2 1786 1779 1779 1779 FOEW NJ 64 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 127557 1779 ± 32 F 9522195 71.714.545

1786

1779

1779

5.2

20.4

48.8

USAFETAC

Dry Bulb

Wet Bulb

Dew Point

3054922

2551613

1949604

73124

66543

40.9 5.847

37.4 5.933

32.1 8.214

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

4331 TUKY TAP JAPAN/HUNSHU 0600=0800 HOURS (L. S. T.) WET BULB TEMPERATURF DEPRESSION (F) TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point 64/ 63 . 1 . 1 62/ 61 60/ 59 . 1 58/ 57 56/ 55 1 54/ 53 52/ 51 .4 1.1 40 40 15 8 57 50/ 49 78 48/ 47 1.4 1.4 86 86 31 46/ 45 65 156 1.36 3.2 44/ 43 3.0 3.1 190 190 103 50 42/ 41 248 132 3.4 5.7 40/ 39 2.9 202 98 234 234 38/ 37 226 226 115 4.3 36/ 35 - 1 197 197 263 130 34/ 33 129 245 193 129 1.6 1.9 32/ 31 77 77 174 190 30/ 29 130 171 33 28/ 27 158 60 26/ 25 112 24/ 23 121 22/ 112 20/ 19 41 19 16/ 15 14/ 13 12/ 11 8 10/ 3 8/ 7 2 41 3 2/ 2 1768 1768 1768 Element (X) Mean No. of Hours with Temperature 10F Rel. Hum. ± 32 F ≥ 67 F = 73 F = 80 F = 93 F 9461479 126687 71.714.735 176B Dry Bulb 40.4 5.916 36.9 5.872 2948698 71442 1768 93 Wet Bulb 2468675 65245 1768 93 Dew Point 31.5 8.102 1871229 55707

46-54-56-60-67-72

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 43311 TUKY TAP JAPAN/FINSHII 46-54,56-60,67-72 FAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 72/ 71 . 1 68/ 67 66/ 65 • 1 64/ 63 62/ 61 11 11 . 1 60/ 59 2.1 . 1 58/ 57 27 27 • 2 56/ 55 54/ 53 1.2 101 101 52/ 51 137 137 50/ 49 1.8 2.7 198 199 48/ 47 237 237 3.5 3.8 • 1 1.8 3.9 46! 45 2.2 255 255 2.8 44/ 43 234 274 42/ 41 1.9 2.5 2.7 . 1 185 185 40/ 39 2.5 140 14C 1.0 38/ 37 1.5 64 64 36/ 35 43 48 34/ 33 .3 .2 17 17 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 18/ 17 16/ 15 õ 14/ 13 10/ 9 6/ 4/ 3 No. Obs. Mean No. of House with Temperature

Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dew Point

1:

≤ 0 F

≤ 32 F

≥67 F ≥ 73 F ≥ 80 F ≥ 93 F

3

8

12

35

35

64

68

100

119

144

179

156

149

134 110

110 91

80

<u>52</u>

34 30

16 9

> 4 3

1

21

43

82

86

149

196

241

252

248

199

115

77

## **PSYCHROMETRIC SUMMARY**

| 3311<br>STATION | . III | K <b>Y</b> L    | IAP  | JAPA   | N/FI           | NSHL<br>AME  | <u> </u>   |       |          | 46=  | 54.5       | <u>6-60</u> | 467-    | 72 YE        | ARS          |           |              |  |  | <u></u>          | EC.               |
|-----------------|-------|-----------------|--|--|----------------|--------------|--|-------|----------|--|------------|-------------|---------|--------------|--------------|-----------|--------------|--|--|------------------|-------------------|
|                 |       |                 |  |  |                |              |  |       |          |  |            |             |         |              |              |           |              | PAG  | £ S  | .0900<br>Hours ( | <del>= 1.10</del> |
| Temp            |       |                 |  |  |                | WET          | BULB 1   | FMPER | ATURE    | DEPRE  | SSION /    | F)          |         |              |              |           |              | TOTAL  |  | TOTAL            |                   |
| (F)             | 0     | 1 - 2           | 3 - 4  | 5 - 6  | 7 . 8          |              | 11 - 12  |       |          |  |            |             | 23 - 24 | 25 - 26      | 27 - 28      | 29 - 30   | e 31         | D.B. W.B.  | Dry Bulb   |                  | Dew Po            |
| 0/ -1           |       | , , ,           | 22 6   |  |                |              | 4.1  | . 9   |          |  |            |             |         |              |              |           |              | <br>   | 1754   |                  | 175               |
| ULAL.           | _4*4  | 13.4            | CE ASS   | KD al  | 19.2           | 110          | 4.1  |       |          |  |            |             |         |              |              |           |              | 1753   |  | 1753             |                   |
|                 |       | <del> </del>    |  | <del> </del> -                                   |                | -            |  |       |          |  |            |             |         |              |              |           |              | <del> </del>                                     | i  |                  |                   |
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| i               |       |                 |  |  |                |              |  |       |          |  |            |             |         |              |              |           |              |  |  |                  |                   |
|                 |       | <del> </del>    | ├  | ├─-  | <del> </del>   |              | <b>-</b>   |       |          | <del>                                     </del> |            |             |         |              |              |           | <del> </del> | <del> </del>                                     |  |                  |                   |
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|                 |       |                 |  |  |                |              |  |       |          |  |            |             |         |              |              |           |              |  |  |                  |                   |
|                 |       |                 |  |  |                | Γ_           |  |       |          |  |            |             |         |              |              |           |              |  |  |                  |                   |
|                 |       |                 |  | <del> </del>                                     | <del> </del> - |              | <del>                                     </del> |       |          | <del> </del>                                     |            |             |         | <del> </del> | <del> </del> |           |              | <del> </del>                                     | -  |                  | <del> </del>      |
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|                 |       |                 |  |  |                |              |  |       |          |  |            |             |         |              |              |           |              |  |  |                  |                   |
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|                 |       |                 | -  | ├  | -              |              | -  | -     |          |  |            |             |         | <del> </del> |              |           |              |  |  |                  |                   |
| Element (X)     |       | Σχ <sup>2</sup> | <u> </u>   | -  | Z X            | ┸—           | X  | •,    | <u> </u> | No. OI   | <u></u>    | <u> </u>    |         | <u> </u>     | Meas !       | No. of 14 | oues with    | h Tempero  |  | <u> </u>         |                   |
| Rel. Hum.       |       |                 | )5632  |  | 1081           | 54           | 61.7   |       |          |  | 53         | ± 0         | F       | ≤ 32 F       | ≥ 67         |           | 73 F         | ≥ 80 F   |  | F                | Total             |
| Dry Bulb        |       |                 | 0024   |  | 805            | 06           | 46.1   | 15.7  | 57       |  | 54         | ·           | _       | 6            |              | -         |              | 1  | 1  | <u> </u>         | (                 |
| Wet Bulb        |       |                 | 35680  |  | 710            |              | 40.5   | 5.5   | 12       |  | 53         |             |         | 5.6          |              | *         |              | 1  | _  |                  |                   |
| Dew Point       |       |                 | 6852   |  | 574            |              | 32.7   |       |          |  | 53         |             | -,1     | 43.8         |              | _         |              | 1  |  |                  | (                 |

DATA PROCESSING BRANCH USAF ETAC AIR VEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

43311 TERY : TAP JAPAN /- LINSHEL STATION NAME

PAGE 1

| Temp.              |                |                             |  |               |                |              |              |              |                |                | SSION (        |  |                |  |  |                  |               | TOTAL         |                | TOTAL           |  |
|--------------------|----------------|-----------------------------|--|---------------|----------------|--------------|--------------|--------------|----------------|----------------|----------------|--|----------------|--|--|------------------|---------------|---------------|----------------|-----------------|--|
| (F)                | 0              | 1 . 2                       | 3 - 4                                  | 5 - 6         | 7 - 8          |              |              |              |                |                |                |  | 23 - 24        | 25 - 26  | 27 - 2   | 29 -             | 30 ≥ 31       |               | Dry Bulb       | Wet Bulb        | Dew Po   |
| 72/ 71             |                |                             |  |               |                |              |              | • 1          |                |                |                |  | 7              |  | 1  | 7-               |               | 1             | 1              |                 |  |
| 6/ 69              |                |                             |  |               | ¦              | ١, ١         | . 1          |              |                | ļ              | l              |  |                |  |  |                  |               | 1 3           | ,              |                 | 1  |
| 8/ 67              |                |                             |  | • 3           |                | .1           |              | .1           |                |                |                |  |                | · · · · · ·                                      |  | <del></del>      |               | 4             | 4              |                 | <del>                                     </del> |
| 6/ 65              |                | ľ                           |  | . 2           | . 2            | • 7          | 2            | ž            | ,              | ١,             | 1              |  |                | 1  | 1  | 1                | 1             | 18            | 1              | i               | 1  |
| 4/ 63              |                |                             | ,                                      |               |                |              | .4           |              |                | 3-4            | <del> </del>   |  |                |  | †—   | 1-               |               | 23            |                |                 | <del> </del>                                     |
| 2/61               |                | ,                           | • 1                                    | • 1           | . 8            | . 4          | • 7          |              |                |                | ĺ              |  |                | l  |  | i                | -             | 32            |                | 4               | 1  |
| 50/ 59             |                |                             |  |               |                |              |              | 1            |                |                |                |  |                | <del> </del>                                     | <del> </del>                                     |                  |               | 56            |                |                 | -  |
| 58/ 57             |                | _4                          | .6                                     | . 4           |                |              |              | • 2          | ,              |                | ŀ              | j<br>i   |                | Ī  | 1  | 1                |               | 103           |                |                 | ,  |
| 66/ 55             |                | .2                          |  |               |                |              |              | • 7          | . 2            |                | <del> </del> - |  |                | <del>                                     </del> | <del>                                     </del> | <del> </del>     |               | 153           |                |                 |  |
| 64/53              |                | • 6                         |  | 2.7           |                |              | 1.0          | i .          | • •            |                |                | ļ  |                |  | į .  |                  | - }           | 197           |                |                 | را   |
| 52/ 51             |                |                             |  | <del></del>   |                |              |              |              |                |                |                |  | <del> </del>   | <del> </del>                                     | <del> </del>                                     | +                | <del></del> - |               |                |                 |  |
| 0/ 49              | . 2            | .7                          | 2.4                                    | 3.4           | 3.3            | 2.5          |              | •2           | }              | 1              | 1              | 1  | 1              | 1  | 1  | 1                | 1             | 224           |                |                 |  |
|                    |                |                             |  |               | 2.0            |              |              |              | <del> </del> - |                | <del> </del>   |  |                | <del> </del>                                     | -  | -                | <del></del>   |               |                |                 |  |
|                    | • 1            | .9                          | 1.9                                    |               |                |              |              |              |                |                | •              |  | <b>,</b>       | <b>!</b>   |  | 1                | - (           | 247           | 247            | 178             |  |
| 66/45              |                | -101                        |  |               |                |              |              |              |                | <del> </del>   | <del> </del>   |  | -              | <del>                                     </del> |  | ╅                | <del></del>   | 205           | 201            |                 |  |
| 44/ 43             | . 3            |                             |  | 2.3           |                |              | .3           | · 1          | }              |                |                | İ  |                |  |  | 1                | l l           | 136           | 1              |                 |  |
| 2/ 41              | 4              |                             | 8                                      |               |                |              | <del></del>  | <del> </del> |                | <del> </del>   | <del> </del>   | <del> </del>                                     | <del> </del>   | <del> </del>                                     | <del> </del>                                     | -                |               | 68            |                |                 |  |
| 0/ 39              |                | 14                          | • 7                                    | .4            | . 3            |              |              | ļ            |                | ļ              | l              | 1  |                |  |  | -                | -             | 27            |                |                 |  |
| 38/_37             | <del>•</del> - |                             |  | <u>عــــا</u> | <del> </del> - |              |              | <del> </del> |                | <del> </del>   | <del> </del>   | <del>                                     </del> | l              | <del> </del>                                     | ┼  | ┨—               |               | 18            |                |                 |  |
| 36. 35             | • 1            | . 2                         | ļ                                      | • 1           | ĺ              |              | ļ            | ļ            | ļ              | Į.             | ]              | ļ  | 1              | 1  | !  | 1                | - [           | 7             | 1              |                 |  |
| 34/ 33             |                | <del> </del>                |  | <del> </del>  | l              | -            | <del> </del> | <del> </del> | ├              | ├              | <del> </del>   |  | <del> </del>   | ┾  | ┧  | ┪                |               | 1 3           | - 3            | 1               |  |
| 32/ 31             | • :            |                             | 1                                      | į             |                | ł            | l            | l            | ł              |                |                | 1  |                |  | 1  |                  | - 1           | 1             | ļ l            | 16              |  |
| 10/ 29             |                |                             | <del> </del> -                         | <del> </del>  | <del> </del>   | <del> </del> |              |              |                |                | <del> </del>   | <del> </del>                                     |                | ╂  | ┼  | - <u></u>        |               |               | <del> </del> - | <del> </del>    | بىل  |
| 28/ 27             |                | <b>!</b>                    | Ì                                      | l             | l              | į            |              |              |                |                | [              |  |                | 1  | ļ  | ,                |               |               |                |                 | 9  |
| 6/ 25              |                |                             | <del> </del>                           | <del> </del>  |                |              |              | <del> </del> |                | <del> </del> - | <del> </del>   |  |                | <del>i</del>                                     | ┼─-  | -                |               | <del></del> - | <del> </del> - | <del> </del>    |  |
| 4/ 23              |                | <b>\</b>                    | <b>\</b>                               | [             | 1              |              | <b> </b>     | 1            |                | ļ              | 1              | ļ  |                | Į.   | 1  | 1                | - }           | 1             | 1              | 1               | -  |
| 2/ 21              | <u> </u>       | <del> </del>                |  | <del> </del>  |                | <del> </del> |              | <del> </del> |                | <del> </del>   | ├              | ├──  |                | <del> </del>                                     | <del> </del>                                     | ┿                |               | <del> </del>  | <del> </del>   | <del> </del>    |  |
| 0/ 19              |                | l                           |  | i             |                | l            | ĺ            | 1            |                | 1              |                |  |                | ĺ  |  | ŀ                | İ             |               |                |                 | !  |
| 8/17               |                | <del> </del>                | ļ                                      | <del> </del>  | <del> </del>   | <del> </del> | <del> </del> | <del> </del> |                |                |                |  | ├              |  | +  | -├               |               | <del> </del>  | <del> </del>   | <del> </del>    | <del> </del> i                                   |
| 6/ 15              |                | 1                           | 1                                      | l             | ĺ              |              |              |              |                |                |                |  | 1              |  |  |                  | - 1           |               |                |                 | :  |
| 4/ 13              |                |                             |  | <del> </del>  | <del> </del>   | <del> </del> | <del> </del> | <del> </del> | <del></del>    |                |                | <del></del>                                      |                | <del> </del>                                     | <del> </del>                                     |                  |               |               |                | <del> </del>    | <u> </u>   |
| 2/ 11              |                |                             |  | İ             |                |              |              |              |                |                |                |  |                |  |  |                  |               |               |                |                 | 1  |
| 0/ 9               |                | <b></b>                     |  | <del> </del>  | ├              |              | -            |              | <del> </del>   | <del> </del>   | <del> </del>   |  | <del> </del> - | ┨  | ┼—   | -                |               |               | <del> </del>   | <del> </del>    | <del> </del>                                     |
| 8/ 7               |                | i                           |  |               | i              |              |              |              | ]              |                |                | 1  | ļ              |  |  |                  |               |               |                |                 |  |
| 6/ 5<br>lement (X) |                | <u> </u>                    | ــــــــــــــــــــــــــــــــــــــ |               | <u></u>        | ┺┯           | <u> </u>     | -            |                | <u> </u>       | <u></u>        | Ь  | 1              |  | <del>لي.</del> ـ                                 | <del>-  </del> - | <u> </u>      | W 7           | <u> </u>       | L               | Щ.   |
|                    |                | Z <sub>X</sub> <sup>2</sup> |  | <del> </del>  | z <sub>x</sub> |              | <u>x</u>     | •,           |                | No. O          | 01.            |  |                |  |  | _                |               | ith Tempera   |                |                 |  |
| lel. Hum.          |                |                             |  | <del> </del>  |                |              |              | <del> </del> |                |                |                | _ ≤ 0  |                | ≤ 32 F   | 1 5 (  | 7 F              | ₹ 73 F        | ≥ 80 F        | ≥ 93           | <del>-  -</del> | Total  |
| ry Bulb            |                |                             |  | <b> </b> -    |                |              |              | ļ            |                |                |                |  |                |  | ┼  |                  |               |               | _              |                 |  |
| Vet Bulb           |                |                             |  |               |                |              |              | ļ            |                |                |                |  | $\dashv$       |  | ╀  |                  |               |               | _              |                 |  |
| Dew Point          | l              |                             |  | 1             |                | - 1          |              | 1            | 1              |                |                |  | 1              |  | 1  |                  |               | I             | 1              | 1               |  |

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY 4331 TEFY: TAP JAPAN J- BINSHU 46-54.56-60.67-72 YEARS PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) 2/ 1 0/-1 -2/ -3 1 TUTAL 7.716.021.421.918.0 9.8 1770 1770 1770 ã 0.26-5 (OL No. Obs. Element (X) Mean No. of Hours with Temperature 101385 57.318.090 6386213 1770 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

1773

1770

93

Dry Bulb

Wet Bulb

Dew Point

4539674

3394415

89144

76905

50.3 5.703

43.4 5.471

DATA PROCESSING ARANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR REATHER SERVICE/MAC 43311 10h Y 1AP JAPAN/hillNSHU 46-54,50-60,67-72 -1500-1700 HOURS (L. S. T.) PAGE 1 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B./W.B. City Bulb Wet Bulb Dew Point 70/ 69 68/ **6**7 66/ 65 64/ 63 20 . 3 62/ 61 • 2 29 29 53 60/ 59 58/ 57 1.6 1.2 91 91 13 10 56/ 55 144 144 8.5 54/ 53 . 8 3. . 6 69 1.7 1.6 . 4 196 196 11 52/ 51 97 241 241 36 3.5 3.8 2.7 2.1 72 50/ 49 1.4 3.8 2.0 287 287 127 48/ 47 191 46/ 45 2.6 2.6 2.8 1.3 1.5 204 275 129 204 44/ 43 2.4 1.4 234 123 1.6 148 148 42/ 41 . 1 .6 • 9 .6 60 60 199 143 40/ 39 234 143 144 38/ 37 - 1 11 11 36/ 35 83 161 10 10 52 34/ 33 135 32/ 31 124 30/ 29 89 28/ 27 78 26/ 25 68 24/ 23 61 22/ 21 20/ 19 55 18/ 17 34 16/ 15 õ 14/ 13 9 12/11 10/ 8/ 6/ 5 No. Obs. Mean No. of Hours with Temperature Element (X) 2 67 F 2 73 F 2 80 F 2 93 F Rel. Hum. 10F 132F Dry Bulb Wet Bulb Dew Point -47

DATA PRUCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 46=54.50=60.67-72 4331) THEY TAP JAPAN STATION NAME PAGE 2 1500=1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 0/ -1 1775 1775 1775 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 7127283 107975 60.817.752 1775 ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F 50.1 5.446 43.9 5.528 Dry Bulb 4499419 83843 1775 Wet Bulb 3473291 77963 1775 Dew Point 2459031 63965

DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/HAC 43311 TURY: TAP JAPAN/I-ONSHIL 56-54-56-60-67-72 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 66/ 65 • } 64/ 63 62/ 61 • 1 . 1 12 12 60/ 59 58/ 57 56/ 55 . 6 .7 46 6 . 6 • 1 46 77 77 12 1.5 54/ 53 1.5 1.8 1.5 20 10 124 124 52/ 51 172 22 172 4.1 2.7 89 50/ 49 . 1 2.3 4.0 1.2 263 263 53 48/ 47 185 54 260 260 3.7 108 46/ 45 .7 3.2 4.2 1.8 297 297 256 2.7 138 44/ 43 150 159 263 1.9 1.8 42/ 41 .1 1.7 151 151 198 175 40/ 39 219 164 111 111 38/ 37 166 154 . 2 53 53 151 36/ 35 135 34/ 33 32/ 31 . 1 87 123 43 143 30/ 29 16 104 28/ 27 65 26/ 25 72 70 24/ 23 22/ 21 20/ 19 55 42 34 18/ 17 9 10/ 4 14/ 13 ব 12/ 11 ತ 10/ 5 8/ 5 6/ 2 21.7.425.424.119.1 1785 TOTAL 1786 FORM JUL 64 No. Obs. Mean No. of Hours with Temperature Element (X) USAFETAC ≥67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Rel. Hum. 1786 10F ≤ 32 F 8203864 117188 65.616.979 47.4 5.375 42.4 5.602 Dry Bulb 4069643 84713 1786 Wet Bulb 93 75688 1786 3263564 Dew Point 35.7 8.875 63737 1785

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

4331 TIKY: TAP JAPAN / FINSHU

### **PSYCHROMETRIC SUMMARY**

PAGE 1 2100=2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 66/ 65 64/ 63 62/ 61 60/ 59 58/ 57 5 21 21 . 3 . 1 56/ 55 54/ 53 52/ 51 22 1.2 1.0 74 74 0 97 97 20 50/ 49 48/ 47 1.4 2.9 167 167 60 26 5.1 46/ 45 3.8 3.7 .7 286 165 78 2.2 286 44/ 43 245 245 210 95 3.2 244 42/ 41 2.2 214 215 131 . 1 40/ 39 170 170 38/ 37 36/ 35 3.0 144 . 1 1.9 2.7 144 227 176 177 174 80 80 34/ 33 23 23 142 134 32/ 31 100 197 30/ 29 27 114 28/ 27 96 26/ 25 85 22/ 21 61 20/ 19 60 18/ 17 31 10 14/ 13 3 10/ 9 8 4.6 41 3 1 1794 TOTAL 1795 1794 1794 No. Obs. Element (X) Z x2 Mean No. of Hours with Temperature ¥ ≥ 93 F Rel. Hum. ±0 F ≤ 32 F ≥67 F ≥ 73 F ≥ 80 F 8921637 123283 1794 68.7 15.837 Dry Bulb 3620645 80007 44.6 5.515 1795 93 Wet Bulb 2965992 72238 40.3 5.649 1794 93 Daw Point 2240121 61561 1794

46-54,56-60,67-72

EN 0-26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM A

AFETAC FORM 0.2

### MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY DESERVATIONS

43311 TOKYO JAP JAPAN/HONSHU

46-60,67-72

STATION STATION NAME HRS (LST) MAY AUG. SEP. OCT JUL 39.01 44.1 67.0 74.2 53.7 77.0 62.4 71.0 51.3 42.4 36.9 60.4 MEAN 5.052 5.689 6.533 6.083 5.646 4.239 4.102 3.369 5.028 4.864 5.617 5.675 14.299 00-02' S D 1724 TOTAL OBS 1648 1514 1782 1656 1616 1686 1778 1725 1800 1633 20357 73.4 69,9 36.8 37.5 42.4 52.1 60.8 66.1 73.4 76.0 69.9 5.333 5.706 6.667 6.430 6.007 4.318 4.078 3.334 5.188 1649 1506 1776 1645 1707 1600 1682 1764 1716 49.9 55,6 59.1 MEAN 4.958 5.736 5.847 14.542 03.05 S D TOTAL OBS 1764 1791 1639 20261 1786 74.8 36.4 37.2 42.5 52.6 62.5 67.4 74.8 77.1 70.5 59.2 49.0 40.4 5.456 5.749 6.630 6.450 5.986 4.772 4.733 3.871 5.421 5.088 5.873 5.916 77.1 15.173 06m08| S D 1695 1679 1696 TOTAL OBS 1639 1489 1780 1631 1591 1750 1773 1655 20146 MEAN 41.9 42.5 47.7 57.8 67.3 70.8 78.4 74.5 54.8 81.3 63.7 5.220 5.741 5.452 6.578 6.443 5.514 5.548 4.751 5.734 1640 1502 1780 1643 1711 1571 1677 1761 1714 5.322 6.034 5.757 14.660 09-11. S D TOTAL GBS 1806 1637 1754 20196 46.0 46.3 51.2 61.0 70.1 73.2 80.9 83.9 77.0 5.370 6.349 6.864 6.733 6.673 5.789 5.736 5.090 5.944 1650 1514 1801 1639 1701 1570 1679 1761 1701 58.2 63,8 MEAN 66.5 30.3 12-14 S D 5.580 6.181 5.703 14.261 TOTAL OBS 1801 1810 20240 1641 73.0 76.6 58.0 63.6 45.9 46.7 31.5 00.0 07.7 5.334 5.421 1440 1510 1707 1649 1715 1600 1/271 45.9 46.7 51.5 60.8 69.6 80.5 83.5 66.2 50.1 MEAN 4.907 5.645 5.399 1770 1695 1802 15-17 S D 5.882 5.446 13,958 1695 1802 TOTAL OBS 1659 20294 43.1 43.9 46.8 57.7 66.3 70.3 77.2 80.0 73.8 63.8 55.7 47.4 4.975 5.690 6.313 5.808 5.683 4.454 4.487 3.970 4.961 4.732 5.573 5.375 1653 1512 1794 1639 1717 1596 1687 1751 1696 1807 1655 1786 18-20 SD 13.566 1717 1807 TOTAL OBS 20293 40.5 41.4 46.5 56.0 64.3 68.3 75.5 78.2 5.002 5.710 6.499 5.826 5.380 4.218 4.140 3.514 1645 1512 1777 1646 1725 1596 1689 1777 72.2 53.3 58.8 62.1 MEAN 4.848 4.674 5.725 5.515 21-23 S D 13.882 1646 1777 TOTAL OSS 1720 1798 20324 1642 41.1 41.8 46.9 56.5 65.4 69.5 76.9 79.6 73.2 62.6 53.8 45.3 6.292 6.833 7.400 7.068 6.859 5.481 5.516 5.031 5.926 5.769 6.647 6.708 MEAN S D 14,618 13166 12068 14287 13148 13695 12742 13450 14112 13663 14390 13161 14229 162111

USAFETAC FORM 0-89-5 (CILI)

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43311

TOKYO IAP JAPAN/HUNSHU

46-60,67-72

STATION NAME STATION JUL AUG SEP OCT HRS (LST) 34.4 35.2 40.1 49.8 58.9 64.2 71.6 73.9 67.8 56.9 47.5 38.6 5.257 6.064 7.168 6.822 6.003 4.305 3.767 3.261 5.319 5.253 6.054 5.819 1648 1505 1782 1655 1722 1616 1685 1778 1724 1801 1631 1789 53.4 MEAN 14.760 00-02 S D 20336 TOTAL OBS 33.2 33.9 38.7 48.6 57.7 63.5 71.1 73.3 66.9 55.9 46.4 37.4 5.367 6.035 7.260 7.065 6.359 4.464 3.806 3.285 5.424 5.349 6.072 5.933 03-05: S D 15.020 1715 1787 1636 1678 1762 1649 1495 1776 1640 1705 1600 TOTAL OBS 1779 20222 32.8 33.5 38.6 48.6 58.5 64.1 71.7 73.6 66.9 55.7 45.9 36.9 5.352 5.984 7.079 6.952 6.240 4.536 4.034 3.420 5.501 5.422 6.039 5.872 06-08 5 D 15.312 1626 1694 1590 1678 1750 1767 1477 1781 1694 1651 1768 20113 1637 TOTAL CBS 36.4 37.0 41.7 51.6 61.0 65.8 73.2 75.3 68.7 58.0 49.0 40.5 4.918 5.529 6.687 6.585 6.057 4.608 4.239 3.625 5.438 5.192 5.839 5.512 55.0 MEAN 09-11; S D 14.550 1075 1638 1490 1780 1571 1713 1804 1636 TOTAL OBS 1642 1761 20174 39.2 39.7 44.4 53.7 62.4 66.9 74.2 76.2 69.8 59.8 51.3 43.4 5.025 5.695 6.848 6.425 5.896 4.530 4.232 3.709 5.232 5.028 5.815 5.471 56.9 MEAN 12-14 s o 13,866 1679 TOTAL OBS 1651 1503 1801 1638 1700 1570 1761 1701 1809 1641 20224 39.6 40.4 45.0 54.0 62.5 67.1 74.3 76.3 70.0 60.0 51.7 43.9 5.078 5.800 6.744 6.195 5.637 4.293 3.979 3.605 5.156 4.982 5.840 5.528 37.2 MEAN 15-17 S D 13.645 1598 1671 1770 TOTAL OBS 1513 1797 1649 1715 1695 1639 1802 1659 20283 73.1 38.1 38.9 43.6 52.7 61.1 65.9 73.1 75.1 69.0 59.2 50.7 42.4 5.215 5.745 6.909 6.195 5.605 4.099 3.833 3.412 5.078 4.993 5.963 5.602 55,9 13.777 18-20 S D 1587 1696 1807 TOTAL OBS 1576 20280 1650 1503 1794 1639 1716 1751 1655 1786 72.3 74.5 34,8 37.1 42.1 51.6 60.3 65.1 68.4 38.1: 49.1 40.3 36.2 MEAN 5.279 5.998 7.156 6.458 5.675 4.157 3.788 3.288 5.091 5.104 6.155 5.649 1645 1503 1777 1644 1723 1595 1688 1777 1720 1798 1642 1794 21-23 5 D 14.266 20309 TOTAL OBS 36.2 37.0 41.8 51.3 60.3 65.3 72.7 74.8 68.4 58.0 49.0 40.4 5.743 6.343 7.358 6.892 6.168 4.546 4.119 3.617 5.394 5.398 6.325 6.200 13157 11989 14288 13133 13666 12739 13441 14110 13658 14375 13151 14214 14.517 S D.

USAFETAC FORM 0-89-5 (OLI)

### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

43311

TOKYO TAP JAPAN/HONSHU

46-60,67-72

STATION

STATION NAME

YEARS

| RS (L S T ) |           | JAN         | FEB           | MAR    | APR.  | MAY       | אטנ      | JUL   | AUG   | SEP     | OCT      | NOV   | DEC   | ANNUAL |
|-------------|-----------|-------------|---------------|--------|-------|-----------|----------|-------|-------|---------|----------|-------|-------|--------|
|             | MEAN      | 27.7        | 28.7          | 34.3   | 45.8  | 56.4      | 62.5     | 70.5  | 72.5  | 66.0    | 54.2     | 43.5  | 33.0  | 49.8   |
| 00-02       | SD i      | 6.190       | 9.342         | 10.764 | 9.480 |           | 4.994    | 3,943 | 3.648 | 6.197   | 6.686    | 8.113 | 8.296 | 17.341 |
| • •         | TOTAL OBS | 1647        |               |        | 1654  | •         |          | 1685  | 1778  | 1724    | 1801     | 1631  | 1789  | 20331  |
|             | . 1       |             |               |        |       |           |          |       |       |         |          |       |       |        |
|             | MEAN      | 26.7        | 27.6          | 33.1   | 44.7  | 55.3      | 61.9     | 70.1  | 72.1  | 65.2    | 53.4     | 42.5  | 32.1  | 48.    |
| 03-05       | S D       | 7.979       | 9.109         | 10.568 | 9.564 | 7.651     | 5.208    | 3,995 | 3.651 | 6.254   | 6.632    | 7.946 | 8.214 | 17.500 |
|             | TOTAL OBS | 1647        |               |        |       |           |          |       | 1762  | 1713    | 1787     | 1637  | 1779  | 2021   |
|             |           | <del></del> |               |        |       |           |          |       |       |         |          |       |       |        |
|             | MEAN      | 26.4        | 26.9          | 32.4   | 44.1  | 55.4      | 62.1     | 70,2  | 72.0  | 65.0    | 52.8     | 41.8  | 31.5  | 48.    |
| 06-08       | S D       |             |               |        |       |           | 5,346    |       | 3.820 |         |          | 7.840 |       | 17.75  |
|             | TOTAL OBS | 1637        |               |        |       |           |          |       |       |         |          |       | 1768  | 2011   |
|             | 1         |             | <u> </u>      |        |       |           | <u> </u> |       |       |         |          | 1     |       |        |
|             | MEAN      | 27.3        | 28.1          | 33.3   | 45.4  | 56.6      | 63.0     | 71.0  | 72.9  | 65,6    | 53.7     | 42.9  | 32.7  | 49.    |
| 09-11       | 1         |             |               |        |       |           |          |       |       |         |          | 8.367 |       | 17.82  |
|             | TOTAL OBS | 1637        | 1             |        |       |           |          |       |       |         |          |       | 1753  | 2017   |
|             |           | <u> </u>    | <u> </u>      |        |       |           |          |       |       |         | <u> </u> |       |       |        |
|             | MEAN      | 29.1        | 29.8          | 35.4   | 47.0  | 57.2      | 63.5     | 71.4  | 73.1  | 66.2    | 54.9     | 44.6  | 34.5  | 50.    |
| 12-14       |           |             |               |        |       |           | 5,526    |       |       |         |          | 8.702 |       | 17.41  |
|             | TOTAL OBS | 1650        | F 1           |        | - 1   |           |          |       |       |         |          |       | 1770  | 2021   |
|             |           | 4000        |               |        | AVZY  | AINM      |          |       |       |         |          |       |       |        |
|             | MEAN      | 30.3        | 31.3          | 36.7   | 47.9  | 57.8      | 63.8     | 71.7  | 73.3  | 66.5    | 55.7     | 45.7  | 36.0  | 51.    |
| 15-17       |           | 9.457       |               |        |       |           | 5.236    |       |       |         |          | 8.735 |       | 16.91  |
| ****        | TOTAL OBS | 1638        | <del></del> . |        |       | · · · · · |          |       |       |         |          | i • • | 1775  | 2028   |
|             | -         | 1000        | 1-13          |        | 1977  | 4.45      | 3350     | 4 7 8 | 1107  |         | 2002     |       |       | 2050   |
|             | MEAN      | 30.5        | 31.2          | 36.8   | 47.9  | 57.6      | 63.5     | 71.2  | 73.1  | -66.5   | 55.7     | 45.8  | 35.7  | 51.    |
| 18-20       |           |             |               |        |       |           |          |       |       |         |          | 8.546 |       | 16.70  |
| 10          | TOTAL OBS | 1650        |               |        |       |           |          |       |       |         |          |       |       | 2027   |
|             | 10126 000 | 1030        | 7503          | 4.179  | 1937  | 1110      | 1:75     | 1001  | 1101  | 1070    | 1003     | 1033  | 1703  | 2021   |
|             | MEAN      | 29.4        | 30.3          | 34 0   | 47.3  | 57.5      | 63.2     | 70.9  | 72.9  | 66.3    | 88 1     | 44.8  | 34.3  | 50.    |
| 2124        |           |             |               |        |       |           |          |       |       |         |          | 8.337 |       | 16.94  |
| 21-23       | S D       |             |               |        |       |           |          |       |       |         |          |       |       |        |
|             | TOTAL OBS | 1645        | 1503          | 1777   | 1644  | 1722      | 1598     | 1688  | 1777  | 1719    | 1797     | 1642  | 1794  | 2030   |
|             |           | 70 4        | 28.4          | 74 6   | 44 4  | 84 19     | 44.6     | 70.0  | 72 7  | 48 8    | 84 4     | 44 8  | 29 9  | 50.    |
| ALL         | MEAN      | 28.4        |               | 34.8   |       |           | 62.9     |       |       | 65.9    |          |       |       |        |
| HOURS       | S 0       |             |               |        |       |           |          |       |       |         |          | 8.446 |       | 17.33  |
|             | TOTAL OBS | 13131       | 11984         | 14288  | 13132 | 13083     | 14737    | 13791 | 19107 | 1 15079 | 14371    | 13152 | 14213 | 16191  |

USAFETAC FORM 0 89-5 (OLI)

### **RELATIVE HUMIDITY**

43311 TUKYU TAP JAPANAHUNSHU
STATION NAME

46-60,67-72

ALL

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS |       |       | PERCENTAC | GE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN     | TOTAL        |
|-------|-------|-------|-------|-----------|-------------|---------------|------------|-------------|------|------|----------|--------------|
| MONIN | (LST) | 10%   | 20%   | 30%       | 40%         | 50%           | 60%        | 70%         | 80%  | 90%  | RELATIVE | NO OF<br>OBS |
| JAN   | ALL   | 100.0 | 99.7  | 96.9      | 88.7        | 73.2          | 54.1       | 34.0        | 18.6 | 6.6  | 62.7     | 13154        |
| FEB   |       | 100.0 | 99.6  | 96.3      | 87.6        | 73.2          | 55.9       | 37.0        | 21.1 | 8.5  | 63.4     | 11989        |
| MAR   |       | 100.0 | 99.6  | 96:0      | 87.5        | 75.9          | 61.1       | 44.1        | 25.6 | 9.2  | 65.5     | 1428         |
| APR   |       | 100.0 | 99.8  | 98.1      | 93.7        | 85.7          | 72.7       | 54.5        | 33.5 | 13.9 | 70.8     | 13122        |
| MAY   |       | 100.0 | 100.0 | 99.5      | 97.8        | 93.0          | 82.5       | 65.4        | 42.2 | 15.5 | 75.1     | 1368         |
| JUN   |       | 100.0 | 100.0 | 100.0     | 99.6        | 98.0          | 93.3       | 81.1        | 57.1 | 21.9 | 80.6     | 1273         |
| JUL   |       | 100.0 | 100.0 | 100:0     | 100.0       | 99.8          | 97.6       | 86.4        | 62.0 | 22.6 | 82.5     | 1344         |
| AUG   | ļ     | 100.0 | 100.0 | 100:0     | 99,9        | 99.2          | 95.5       | 81.2        | 54.5 | 16.4 | 80.3     | 1410         |
| SEP   |       | 100.0 | 100.0 | 100:0     | 99.8        | 97.8          | 90.7       | 75.7        | 51.2 | 19.8 | 79.0     | 13658        |
| DCT   |       | 100.0 | 100.0 | 99,9      | 98.7        | 95.1          | 84.1       | 67.0        | 41.9 | 17.4 | 76.0     | 14374        |
| NOV   |       | 100.0 | 99.9  | 99.4      | 96.2        | 88.5          | 74.3       | 54.7        | 30.3 | 9,9  | 70.9     | 1315         |
| DEC   |       | 100.0 | 99.8  | 98.3      | 91.7        | 79.6          | 62.6       | 41:7        | 22.5 | 7.9  | 66.0     | 14214        |
| 101   | TALS  | 100.0 | 99.9  | 98.7      | 95.1        | 88.3          | 77.0       | 60.2        | 38.4 | 14.1 | 72.7     | 16193        |

USAFETAC FORM 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

43311 TOKYO TAP JAPAN/HONSHU

47-60,68-72

JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | 1     |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |     | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|-------|-------|-------|-----------|-------------|-------------|------------|-------------|------|-----|------------------|----------------|
| MONTH | (LST) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 80%  | 90% | HUMIDITY         | OBS            |
| JAN   | 00=02 | 100.0 | 100 0 | 99.8      | 95.7        | 83.5        | 64.6       | 41.2        | 23.0 | 8.4 | 67.0             | 1648           |
|       | 03-05 | 100.0 | 100.0 | 99,9      | 96.6        | 85.3        | 67.2       | 43.1        | 22.7 | 8.5 | 67.9             | 1649           |
|       | 06=0€ | 100.0 | 100.0 | 99,7      | 96.0        | 86.3        | 67.7       | 44.6        | 24.1 | 9.0 | 68.2             | 1637           |
|       | 09-11 | 100.0 | 99,6  | 95,3      | 83.9        | 63.7        | 42.9       | 23.9        | 12.3 | 5.0 | 58.2             | 1638           |
|       | 12-14 | 100.0 | 99,1  | 90:2      | 75.8        | 54,7        | 33,3       | 19,1        | 10,4 | 3,9 | 54,2             | 1650           |
|       | 15-17 | 100.0 | 99,2  | 93:0      | 79.1        | 60.7        | 40.6       | 24,2        | 14,2 | 4.0 | 57.0             | 1638           |
|       | 18-20 | 100.0 | 100.0 | 97.9      | 88.9        | 72.7        | 54.8       | 34.3        | 18.9 | 6.7 | 63.0             | 1650           |
|       | 21-23 | 100.0 | 100,0 | 99'.7     | 93.2        | 78.5        | 61.7       | 41.8        | 22.9 | 7.3 | 66.1             | 1644           |
|       |       |       |       |           |             |             |            |             |      |     |                  |                |
|       |       |       |       |           |             |             |            |             |      |     |                  |                |
| 10    | TALS  | 100.0 | 99.7  | 96.9      | 88.7        | 73.2        | 54.1       | 34.0        | 18.6 | 6.6 | 62.7             | 13154          |

USAFETAC FORM 0- d7-5 (OL A)

### **RELATIVE HUMIDITY**

43311 TOKYO TAP JAPAN/HONSHU
STATION NAME

47-69,68-72

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH        | HOURS | <u> </u> | <del></del> | PERCENTAG | E FREQUENC | OF RELATIVE | HUMIDITY G | REATER THAN | ···  | <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del> | MEAN<br>RELATIVE | TOTA<br>NO C |
|--------------|-------|----------|-------------|-----------|------------|-------------|------------|-------------|------|--|------------------|--------------|
|              | (LST) | 10%      | 20%         | 30%       | 40%        | 50%         | 60%        | 70*•        | 80%  | 90•€   | YTICHUUH         | OBS          |
| FEB          | 00-02 | 100.0    | 100.0       | 99:4      | 94.6       | 82.5        | 65.5       | 46.5        | 25.6 | 10.2   | 68.0             | 15           |
|              | 03-05 | 100.0    | 100.0       | 99.5      | 96.7       | 85.3        | 66.9       | 45.8        | 26.6 | 10.6   | 68.6             | 14           |
|              | 06-08 | 100.0    | 100.0       | 99,2      | 95,1       | 83.3        | 66,1       | 44.4        | 25,6 | 9,7  | 67.9             | 14           |
| <del> </del> | 09-11 | 100.0    | 99.3        | 93.8      | 82.6       | 63.2        | 45.3       | 28.7        | 17.4 | 6,8  | 59.3             | 14           |
|              | 12-14 | 100.0    | 98,6        | 90.1      | 75.3       | 56,7        | 39,7       | 24,2        | 14.0 | 5,9  | 55.9             | 15           |
|              | 15-17 | 100.0    | 99.2        | 92.1      | 78,8       | 61.7        | 43.5       | 27,3        | 15.7 | 7,2  | 58.0             | 15           |
|              | 18-20 | 100,0    | 99,9        | 97:5      | 86.0       | 73.1        | 55,6       | 36.1        | 19.6 | 9  | 63.1             | 15           |
|              | 21-23 | 100.0    | 99,9        | 98,9      | 91.9       | 79.7        | 64.2       | 42,8        | 24,6 | 9.6  | 66.7             | 15           |
|              |       |          |             |           |            |             |            |             |      |  |                  |              |
|              |       |          |             |           |            |             |            |             |      |  |                  |              |
| to           | TALS  | 100.0    | 99.6        | 96.3      | 87.6       | 73.2        | 55.9       | 37.0        | 21.1 | 8.5  | 63.4             | 115          |

USAFETAC FORM 0-87-5 (OL A)

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#### **RELATIVE HUMIDITY**

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|-------|---------|-----|-------------------------|---|
| 43311 | TUKTU   | IAP | JAPAN/HONSHU            |   |
|       | . 4     |     |                         | • |

47-60,67-72

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS  | 1     |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN     | TOTAL<br>NO OF |
|-------|--------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|----------|----------------|
| MONIN | (L S.T | 10*•  | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 30%  | 90%  | HUMIDITY | OAS.           |
| MAR_  | 00-02  | 100.0 | 99,9  | 99:2      | 94.3        | 83.0        | 70.3       | 54.9        | 34.5 | 12.7 | 70.3     | 178            |
|       | 03=05  | 100.0 | 200.0 | 99:,7     | 95.0        | 85.2        | 72.2       | 55.6        | 35.9 | 13.2 | 71.3     | 177            |
|       | 06=08  | 100.0 | 100.0 | 99:1      | 94.3        | 81.3        | 68.8       | 51.2        | 30,9 | 11.2 | 69.2     | 178            |
|       | 09-11  | 100.0 | 99.5  | 72'.9     | 51.7        | 67.4        | 30.5       | 31:6        | 15.3 | 6.2  | 60.1     | 178            |
|       | 12-14  | 100.0 | 98.8  | 90.8      | 77.5        | 44.0        | 43,9       | 28.2        | 15.0 | 5.5  | 57.9     | 180            |
|       | 15-17  | 100.0 | 99,1  | 51.2      | 79.5        | 57.8        | 51.0       | 32.7        | 17.2 | 6.3  | 60.2     | 179            |
|       | 18-20  | 100.0 | 99,9  | 96.0      | 86.9        | 77.2        | 63.1       | 45.4        | 25.3 | 8.1  | 65.8     | 179            |
|       | 21-23  | 100.0 | 100.0 | 98,9      | 90.3        | 81.5        | 69.3       | 53.0        | 31.0 | 10.2 | 68.9     | 177            |
|       |        |       |       |           |             |             |            |             |      |      |          |                |
|       |        |       |       |           |             |             |            |             |      |      |          |                |
| τO    | TALS   | 100.0 | 99,6  | 96.0      | 87.5        | 75.9        | 61.1       | 44.1        | 25.6 | 9.2  | 65.5     | 1428           |

USAFETAC FCEM 0-87-5 (OL A)

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#### **RELATIVE HUMIDITY**

#3311 TUKYO TAP JAPAN/HONSHU

47-60,67,69-72

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

....

| монтн | HOURS    |       |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|----------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|------------------|----------------|
| MONIA | (L S T.) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 80%  | 90%  | HUMIDITY         | OBS.           |
| APR_  | 00-02    | 100.0 | 100.0 | 99.8      | 97.2        | 92.0        | 84.5       | 68.5        | 43.4 | 18.0 | 76.0             | 165            |
|       | 03-05    | 100.0 | 99,9  | 99:8      | 97.6        | 92.9        | 85.2       | 71.1        | 48.9 | 21.9 | 77.4             | 1640           |
|       | 06-08    | 100.0 | 99.9  | 99:0      | 96.2        | 89.2        | 79.3       | 61.6        | 40.3 | 17.2 | 73.9             | 1626           |
|       | 09-11    | 100.0 | 99.8  | 96.6      | 90.3        | 78.8        | 61.4       | 414         | 24.4 | 9.6  | 65.9             | 164            |
|       | 12-14    | 100.0 | 99.4  | 95.5      | 87.5        | 73.2        | 53.6       | 34.9        | 20.3 | 8,9  | 62.8             | 163            |
|       | 15-17    | 100.0 | 99.8  | 96.5      | 90.1        | 77.9        | 60.4       | 39.3        | 21.4 | 10.1 | 05.0             | 1649           |
|       | 18-20    | 100.0 | 99.9  | 98.3      | 94.4        | 89.4        | 75.2       | 55.0        | 30.6 | 11.2 | 71.0             | 1639           |
|       | 21=23    | 100.0 | 100.0 | 99,3      | 96.3        | 92.0        | 82.3       | 64.4        | 38.7 | 14.2 | 74,3             | 1644           |
|       |          |       |       |           |             |             |            |             |      |      |                  |                |
|       |          |       |       |           |             |             |            |             |      |      |                  |                |
| 10    | TALS     | 100.0 | 99.8  | 98.1      | 93.7        | 85.7        | 72.7       | 54.5        | 33.5 | 13.9 | 70.8             | 1313           |

USAFETAC FORM 0-87-5 (OL A)

## **RELATIVE HUMIDITY**

5TATION STATION NAME

47-60,67,69-72

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## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS |       |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER (HAN |      |      | MEAN     | TOTAL<br>NO OF |
|-------|-------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|----------|----------------|
| MONIA | (LST) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 80%  | 90%  | HUMIDITY | OBS.           |
| MAY   | 00-02 | 100.0 | 100.0 | 100.0     | 99.7        | 98.4        | 93.0       | 83.0        | 61,3 | 21.1 | 81.3     | 1722           |
|       | 03-05 | 100.0 | 100.0 | 100:0     | 99,6        | 98.0        | 93,5       | 85.5        | 65.9 | 28.1 | 82.8     | 1705           |
|       | 06-08 | 100.0 | 100.0 | 99,9      | 98.7        | 95.8        | 89.6       | 76.5        | 51.2 | 19.7 | 78.6     | 1694           |
|       | 09-11 | 100.0 | 100.0 | 99.1      | 96.5        | 89.5        | 74.5       | 50.7        | 25.8 | 10.2 | 70.2     | 1711           |
|       | 12-14 | 100.0 | 100.0 | 98.1      | 93.4        | \$2.7       | 62.3       | 37.5        | 20.5 | 8.2  | 65.7     | 1700           |
|       | 15-17 | 100.0 | 100.0 | 99,3      | 95.7        | 57.7        | 69.3       | 42.8        | 22.1 | 8.2  | 67.9     | 1714           |
|       | 18-20 | 100.0 | 100.0 | 99,8      | 99.1        | 94.5        | 86.1       | 66.7        | 37.5 | 12.1 | 75.0     | 1716           |
|       | 21-23 | 100.0 | 100,0 | 99.9      | 99.7        | 97.1        | 91.5       | 80.3        | 53,0 | 16.7 | 79,3     | 1723           |
|       |       |       |       |           |             |             |            |             |      |      |          |                |
|       |       |       |       |           |             |             |            |             |      |      |          |                |
| τc    | TALS  | 100.0 | 100.0 | 99.5      | 97.8        | 93.0        | 82.5       | 65.4        | 42.2 | 15.5 | 75.1     | 13685          |

USAFETAC FORM 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

43311 TOKYO JAP JAPAN/HONSHU 47-60,67,69-72
STATION STATION NAME PERIOD

JUN

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |       |       | PERCENTAC | E FREQUENCY | OF RELATIVE | HUMIDITY GE | EATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|----------|-------|-------|-----------|-------------|-------------|-------------|------------|------|------|------------------|----------------|
| MONTH | (L S T.) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%         | 70%        | 80%  | 90%  | HUMIDITY         | OBS            |
| JUN   | 00-02    | 100.0 | 100.C | 100:0     | 100.0       | 99,4        | 98,1        | 94.8       | 79.3 | 31.4 | 85,8             | 161            |
|       | 03-05    | 100.0 | 100.0 | 100:0     | 100.0       | 99.6        | 98.1        | 95.3       | 82.8 | 40.4 | 87.0             | 150            |
|       | 00-08    | 100.0 | 100.0 | 100.0     | 99.9        | 98.8        | 96.7        | 90.5       | 67.7 | 27.0 | 83.7             | 159            |
|       | 09-11    | 100.0 | 100.0 | 100.0     | 99.2        | 97.2        | 92.7        | 73.9       | 42.1 | 15.0 | 77.5             | 157            |
|       | 12-14    | 100.0 | 100.0 | 99.9      | 98.6        | 94.8        | 81.8        | 58.6       | 29.8 | 11.1 | 72.5             | 157            |
|       | 15-17    | 100.0 | 100.0 | 100.0     | 99.1        | 95.8        | 85.2        | 62.6       | 32.0 | 11.3 | 74.1             | 139            |
|       | 18-20    | 100.0 | 100.0 | 100.0     | 99.9        | 99.1        | 95.5        | 81.4       | 51,8 | 16.0 | 79.8             | 1590           |
|       | 21-23    | 100.0 | 100.0 | 100.0     | 99.9        | 99,4        | 98.4        | 91.6       | 71.5 | 23.3 | 83.9             | 159            |
|       |          |       |       |           |             |             |             |            |      |      |                  |                |
|       |          |       |       |           |             |             |             |            |      |      |                  |                |
| 10    | TALS     | 100.0 | 100.0 | 100.0     | 99.6        | 98.0        | 93.3        | 81.2       | 57.1 | 21.9 | 80.6             | 1273           |

USAFETAC FORM 2-87-5 (OL A)

## **RELATIVE HUMIDITY**

43311 TOKYO TAP JAPAN/HONSHU

47-60,67,69-72

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS          |       |       | PERCENTA | GE FREQUENC | Y OF RELATIV | E HUMIDITY G | REATER THAN |      |      | MEAN RELATIVE | TOTAL<br>NO OF |
|-------|----------------|-------|-------|----------|-------------|--------------|--------------|-------------|------|------|---------------|----------------|
| MONTH | (L S T.)       | 10%   | 20%   | 30%      | 40%         | 50%          | 60%          | 70%         | 80%  | 90%  | HUMIDITY      | OBS            |
| JUL   | 00-02          | 100.0 | 100.0 | 100:0    | 100.0       | 100.0        | 100.0        | 99.5        | 88.8 | 38.0 | 88.2          | 168            |
|       | 03-05          | 100.0 | 100.0 | 100.0    | 100.0       | 99.9         | 99,9         | 99.8        | 92.4 | 48.0 | 89.5          | 1670           |
|       | 06 <b>-0</b> 8 | 100.0 | 100.0 | 100:0    | 100.0       | 100.0        | 99.8         | 97.0        | 78.7 | 29.0 | 86.1          | 1678           |
|       | 09-11          | 100.0 | 100.0 | 100:0    | 100.0       | 99,9         | 98.1         | 80.3        | 40.4 | 10.6 | 78.6          | 167!           |
|       | 12=14          | 100.0 | 100.0 | 100.0    | 99,9        | 99.2         | 91.5         | 57.6        | 24.7 | 6.7  | 73.6          | 1679           |
|       | 15-17          | 100.0 | 100.0 | 100.0    | 99,9        | 99,5         | 92.4         | 67.1        | 29.6 | 7.5  | 75.3          | 167            |
|       | 18-20          | 100.0 | 100.0 | 100.0    | 100.0       | 99,9         | 99.1         | 92.1        | 60.3 | 15.2 | 82.3          | 168            |
|       | 21-23          | 100.0 | 100.0 | 100.0    | 100.0       | 99,9         | 99,8         | 98.1        | 81.4 | 25.6 | 86.1          | 168            |
|       |                |       |       |          |             |              |              |             |      |      |               |                |
|       |                |       |       |          |             |              |              |             |      |      |               |                |
| to    | TALS           | 100.0 | 100,0 | 100.0    | 100.0       | 99.8         | 97.6         | 66.4        | 62.0 | 22.6 | 82.5          | 1344           |

USAFETAC FORM 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

43311 TOKYO TAP JAPAN/MONSHU

47-60-67-72

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## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH       | HOURS        |       |       | PERCENTAC | GE FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------------|--------------|-------|-------|-----------|--------------|-------------|------------|-------------|------|------|------------------|----------------|
| MONTH       | (LST)        | 10%   | 20%   | 30%       | 40%          | 50%         | 60%        | 70%         | 80%  | 90%  | HUMIDITY         | OBS            |
| AUG         | 00=02        | 100.0 | 100.0 | 100:0     | 100.0        | 99.9        | 99.7       | 98.0        | 82.3 | 25.8 | 86.1             | 177            |
|             | 03-05        | 100.0 | 100.0 | 100.0     | 100.0        | 99.9        | 99.7       | 98.8        | 87.6 | 35.2 | 87.8             | 176            |
|             | 06-08        | 100.0 | 100.0 | 100:0     | 100.0        | 99.7        | 99.3       | 95.4        | 74.3 | 24.7 | 84.9             | 175            |
|             | 09-11        | 100.0 | 100.0 | 100:0     | 99,8         | 99.0        | 95.5       | 73.7        | 31.5 | 8.6  | 75.4             | 176            |
| <del></del> | 12-14        | 100.0 | 100.0 | 100:0     | 99.6         | 37.6        | 84.5       | 45.5        | 18.3 | 5.9  | 70.8             | 176            |
|             | 15-17        | 100.0 | 100.0 | 100.0     | 99,9         | 97.9        | 87.6       | 56.3        | 22.2 | 5.7  | 72.5             | 177            |
|             | 18-20        | 100.0 | 100.0 | 100:0     | 100.0        | 99,9        | 97.9       | 86.4        | 48.0 | 9.7  | 79.8             | 175            |
|             | 21-23        | 100.0 | 100.0 | 100.0     | 100.0        | 99.9        | 99.5       | 95.4        | 71.6 | 15.2 | 83,9             | 177            |
|             | <del> </del> |       |       |           |              |             |            |             | -    |      |                  |                |
|             |              |       |       |           |              |             |            |             |      |      |                  |                |
| TO          | TALS         | 100.0 | 100.0 | 100.0     | 99.9         | 99.2        | 95.5       | 81.2        | 54.5 | 16.4 | 80.3             | 1410           |

USAFETAC FORM 0-87-5 (OL A)

## **RELATIVE HUMIDITY**

43311 TOKYO TAP JAPAN/HONSHU
STATION NAME

46-54,56-60,67-72

SEP

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS |       |       | PERCENTAC | SE FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|-------|-------|-------|-----------|--------------|-------------|------------|-------------|------|------|------------------|----------------|
| MONIN | (LST) | 10%   | 20%   | 30%       | 40%          | 50%         | 60%        | 70%         | 80%  | 90%  | YTIGIMUH         | OBS.           |
| SEP   | 00=02 | 100.0 | 100.0 | 100.0     | 100.0        | 199.7       | 97.9       | 90.7        | 72.4 | 31.1 | 84.6             | 1724           |
|       | 03=05 | 100.0 | 100.0 | 100.0     | 100.0        | 99.8        | 98.0       | 91.9        | 74.5 | 35.0 | 85.3             | 1715           |
|       | 05-08 | 100.0 | 100.0 | 100.0     | 100.0        | 99.4        | 96.8       | 88.1        | 66.9 | 25.8 | 83.3             | 1694           |
|       | 09=11 | 100.0 | 100.0 | 99.9      | 99.6         | 96.7        | 86.9       | 64.6        | 33.9 | 11.7 | 74.8             | 1713           |
|       | 12-14 | 100.0 | 100.0 | 99.8      | 99,3         | 93.4        | 76.7       | 50.0        | 23.1 | 9.1  | 70.6             | 1701           |
|       | 15=17 | 100.0 | 100.0 | 100:0     | 99.5         | 95.0        | 80.1       | 57.1        | 27.5 | 8,9  | 72.3             | 1695           |
|       | 18-20 | 100.0 | 100.0 | 100.0     | 100.0        | 98.8        | 92.9       | 76.9        | 47.6 | 15.2 | 78.6             | 1696           |
|       | 21-23 | 100.0 | 100.0 | 100:0     | 100.0        | 99.5        | 96.5       | 86.5        | 63.9 | 21.9 | 82.3             | 1720           |
|       |       |       |       |           |              |             |            |             |      |      |                  |                |
|       |       |       |       |           |              |             |            |             |      |      |                  |                |
| TO    | TALS  | 100.0 | 100.0 | 100.0     | 99.8         | 97.8        | 90.7       | 75.7        | 51.2 | Ĩ9.8 | 79.C             | 1365           |

USAFETAC FORM 0-87-5 (OL A)

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## RELATIVE HUMIDITY

43311 TOKYO TAP JAPAN/HONSHU
STATION NAME

46-54,56-60,67-72

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS | i<br>1 |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G   | REATER THAN |      |      | MEAN     | TOTAL<br>NO OF |
|-------|-------|--------|-------|-----------|-------------|-------------|--------------|-------------|------|------|----------|----------------|
| MUNIN | (LST) | 10%    | 20%   | 30%       | 40%         | 50%         | 60%          | 70%         | 80%  | 90%  | YTICIMUH | OBS.           |
| UCT   | 00-03 | 100.0  | 100.0 | 100.0     | 99.8        | 98.2        | 92.8         | 83.0        | 56.1 | 23.2 | 80.9     | 1801           |
|       | 03-05 | 100.0  | 100.0 | 100:0     | 99.9        | 99.5        | 94.6         | 84.3        | 59.6 | 25.5 | 82.0     | 178            |
|       | 06=08 | 100.0  | 100.0 | 100.0     | 99.9        | 98.8        | 92.7         | 78.8        | 52.1 | 22.1 | 80.0     | 176            |
|       | 09=11 | 100.0  | 100.0 | 99.9      | 98.2        | 92.2        | 75.8         | 52.1        | 28.3 | 11.8 | 71.3     | 1804           |
|       | 12-14 | 100.0  | 100.0 | 99.6      | 96.4        | 88.5        | 67.1         | 42.7        | 23.0 | 10.7 | 68.2     | 1809           |
|       | 15-17 | 100.0  | 100.0 | 99.8      | 96.8        | 90.8        | 74.2         | 48.4        | 26.5 | 11.9 | 70.4     | 180            |
|       | 18-20 | 100.0  | 100.0 | 100:0     | 99.1        | 95.4        | 85.6         | 69.0        | 41.2 | 14.7 | 76.1     | 180            |
|       | 21-23 | 100.0  | 100.0 | 100.0     | 99.8        | 97.2        | 90.2         | 77.3        | 48.7 | 19.0 | 76.5     | 179            |
|       |       |        |       |           |             |             | <del> </del> |             |      |      |          |                |
|       |       |        |       |           |             |             |              |             |      |      |          |                |
| 10    | TALS  | 100.0  | 100.0 | 99,9      | 98.7        | 95.1        | 84.1         | 67.0        | 41.9 | 17.4 | 76.0     | 1437           |

USAFETAC FORM 0-87-5 (OL A)

## **RELATIVE HUMIDITY**

43311 TOKYO TAP JAPAN/HUNSHU
STATION NAME

47m54,56m60,67m72

NOV

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |       |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|----------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|------------------|----------------|
| MONTH | (L S T.) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 80%  | 90%  | HUMIDITY         | OBS.           |
| NOV   | 00-02    | 100.0 | 100.0 | 100.0     | 99.3        | 94.4        | 84.5       | 67.9        | 42.9 | 13.1 | 75.8             | 1631           |
|       | 03-05    | 100.0 | 100.0 | 100.0     | 99.9        | 95.9        | 86.8       | 70.1        | 44.4 | 13.1 | 76.7             | 163            |
|       | 06=08    | 100.0 | 100.0 | 100.0     | 99.0        | 95.3        | 85.4       | 67.5        | 39.1 | 12.9 | 75.6             | 165            |
|       | 09-11    | 100.0 | 99.9  | 98.8      | 93.9        | 83.9        | 63.9       | 38.2        | 17.9 | 6.6  | 65.9             | 1630           |
|       | 12-14    | 100.0 | 99.9  | 97.8      | 90.0        | 76.5        | 53.2       | 32.9        | 15.5 | 5.8  | 62.6             | 164            |
|       | 15-17    | 100.0 | 99.8  | 99:0      | 91.5        | 80.5        | 63.2       | 40.3        | 18.7 | 7.8  | 65.7             | 165            |
|       | 18-20    | 100.0 | 99.9  | 99.8      | 97.2        | 88.9        | 74.5       | 55.8        | 28.1 | 9.1  | 70.9             | 165            |
|       | 21-23    | 100.0 | 100.0 | 99.9      | 98.8        | 92.6        | 83.1       | 65.0        | 35.8 | Ĩ0.9 | 74.2             | 164            |
|       |          |       |       |           |             |             |            |             |      |      |                  |                |
|       |          |       |       | -         |             |             |            |             |      |      |                  |                |
| ΤC    | TALS     | 100.0 | 99,9  | 99.4      | 96.2        | 88.5        | 74.3       | 54.7        | 30.3 | 9.9  | 70.9             | 1315           |

USAFETAC FORM 0-87-5 (OL A)

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### **RELATIVE HUMIDITY**

46-54, 56-60, 67-72 PERIOD

DEC

#### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS | 1     |       | PERCENTAG | E FREQUENCY | OF RELATIVE | HUMIDITY G | REATER THAN |      |      | MEAN<br>RELATIVE | TOTAL<br>NO OF |
|-------|-------|-------|-------|-----------|-------------|-------------|------------|-------------|------|------|------------------|----------------|
| MONTH | (LST) | 10%   | 20%   | 30%       | 40%         | 50%         | 60%        | 70%         | 80%  | 90%  | HUMIDITY         | OBS            |
| DEC   | 00-02 | 100.0 | 100.0 | 99.9      | 97.5        | 89.5        | 72.9       | 51.3        | 28.1 | 9.2  | 70.4             | 1789           |
|       | 03-05 | 100.0 | 100.0 | 99.8      | 98.2        | 92.0        | 77.2       | 52.6        | 30.4 | 11.6 | 71.7             | 1779           |
|       | 06-08 | 100.0 | 100.0 | 99.9      | 97.2        | 92.3        | 76.8       | 93.2        | 31.3 | 10.3 | 71.7             | 1766           |
|       | 09-11 | 100.0 | 99.8  | 96:9      | 88.0        | 71.8        | 51.5       | 31.4        | 15.7 | 6.1  | 61.7             | 1753           |
|       | 12-14 | 100.0 | 99.3  | 93.6      | 80.0        | 61.5        | 41.9       | 24.2        | 10.9 | 4.9  | 57.3             | 1770           |
|       | 15-17 | 100.0 | 99.6  | 97:0      | 85.1        | 68.7        | 50.0       | 31.7        | 15.3 | 4.7  | 60.8             | 1775           |
|       | 18-20 | 100.0 | 100.0 | 99.5      | 92.1        | 76.8        | 61.0       | 41.4        | 22.3 | 7.6  | 65.6             | 1786           |
|       | 21-23 | 100.0 | 100.0 | 99.7      | 95.5        | 84.4        | 67.8       | 47.8        | 26.2 | 9.0  | 68.7             | 1794           |
|       |       |       |       |           |             |             |            |             |      |      |                  |                |
|       |       |       |       |           |             |             |            |             |      |      |                  |                |
| 10    | TALS  | 100.0 | 99.8  | 98,3      | 91.7        | 79.6        | 62.4       | 41.7        | 22.5 | 7.9  | 66.0             | 14214          |

USAFETAC FORM 0-87-5 (OL A)

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASLEVILLE, NORTH CAROLINA

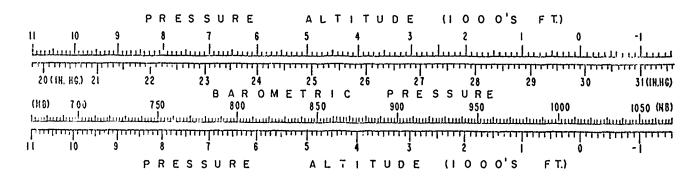
#### PART F

### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours codeined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



#### MEANS AND STANDARD DEVIATIONS

.219

.210

3872

.213

46975

29.920

STATION PRESSURE IN INCHES HG FRUM HOURLY DESERVATIONS

43311 TOKYO IAP JAPAN/HONSHU

46-60,68-72

STATION JUN JUL AUG SEP HRS (LST) MAY OCT NOV DEC ANNUAL 29.96129.97829.97629.96229.86529.78329.78429.80229.88630.02230.06530.018 29,926 .218 .209 .221 .216 .193 .151 .129 .147 .175 .175 .190 .218 518 481 538 472 491 458 484 515 472 501 472 522 .211 00 S D 5924 491 TOTAL OBS 29,95529,96529,96729,94729,85129,77129,77029,78729,87730,00730,06030,016 29,915 .218 .215 .217 .217 .193 .154 .133 .151 .163 .177 .189 .214 .516 478 532 470 487 455 487 519 469 500 470 524 03 .212 5907 TOTAL ORS 29,931 129,96629,97829,98629,97029,87229,79029,78629,80529,89090,02130,07030,024 .223 .218 .216 .220 .195 .154 515: 473 338 468 481 448 .132 .146 .163 .181 .186 .214 06 .212 5 D TOTAL OBS 480 510 467 496 478 3871 29.99730.00130.00729.98229.88129.79829.79929.82029.91130.04630.09730.053 29,951 MEAN .219 .223 .220 .223 .197 .150 512 470 537 466 480 444 .130 .142 .171 .185 .188 .219 482 510 470 500 465 500 .216 09 S D TOTAL OBS <u>5836</u> 29.917 29.94829.95929.97229.94929.85729.77929.78329.79929.88680.00980.05129.994 MEAN .223 .225 .220 .222 .192 .150 519 479 541 465 479 439 .128 .143 .165 .186 .191 .223 477 506 472 496 467 506 .212 12 5 D TOTAL OBS 5846 29,92329,92229,92529,90429,81929,75329,75529,76729,85629,98330,02529,971 29.885 MEAN .220 .218 .218 .223 .192 .148 517 479 542 467 480 445 .159 .184 .188 .223 465 500 469 510 .129 .141 15 -210 S D 5858 TOTAL OAS 476 508 29,95129,95029,94429,91529,82329,75229,75629,77129,86680,00430,05029,996 29,900 475 .215 .210 .218 .218 .191 .148 .125 .151 .102 .182 .187 519 477 539 463 482 450 476 507 460 498 475 .212 18 S D TOTAL OBS 5861 24.96929.97829.97729.95829.86229.78729.79029.80829.90030.03130.07430.022 29,931 MEAN .215 .205 .220 .215 .193 .149 .124 .151 .169 .178 .190 524 472 533 470 489 443 480 511 469 495 470

443

29.95929.96629.96929.94829.85429.77729.77829.79529.88430.01530.06230.012

.220 .216 .220 .220 .194 .151 .130 .147 .167 .182 .189 .219 4140 3809 4300 3741 3869 3582 3842 4086 3744 3986 3766 4110

USAFETAC FORM 0-89-5 (OLI)

5 D

TOTAL OBS

S D

TOTAL OBS

21

HOURS

1.

### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

43311

TOKYO IAP JAPAN/HONSHU

46-60,67-68,71-72

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STATION

STATION NAME

YEARS

| HRS (LST |           | JAN    | FEB   | MAR         | APR                                   | MAY    | אטנ     | JUL    | AUG    | SEP    | OCT     | NOV                                   | DEC   | ANNUAL |
|----------|-----------|--------|---|-------------|---------------------------------------|--------|---------|--------|--------|--------|---------|---------------------------------------|-------|--------|
|          | MEAN      | 1015.4 | 1016.0  | 1016.1      | 1015.5                                | 1012.6 | 1009.3  | 1009.7 | 1010.2 | 1012.7 | 1017.4  | 1019.31                               | 017.4 | 1014.3 |
| 00       | 5 D       | 7.321  | 6.923   | 7.415       | 7.448                                 | 6.279  | 5.046   | 4.109  | 4.528  | 5.757  | 5.987   | 6.422                                 | 7.306 | 7.069  |
|          | TOTAL OBS |        |   | 485         |                                       |        |         |        |        |        |         |                                       | 461   | 5373   |
|          | 1         |        |   |             |                                       |        |         |        |        | !      |         |                                       |       |        |
|          | MEAN      | 1015.3 | 1015.7  | 1015.7      | 1015.0                                | 1012.2 | 1008.9  | 1009.2 | 1009.7 | 1012.3 | 1017.0  | 1019.01                               | 017.3 | 1013.9 |
| 03       | S D       | 7.399  | 7.110   | 7.350       | 7.454                                 | 6.280  | 5.155   | 4.155  | 4.454  | 5.428  | 6.030   | 6.414                                 | 7.243 | 7.094  |
|          | TOTAL OBS |        |   |             |                                       |        | 431     |        |        |        | 449     |                                       | 461   | 5371   |
|          |           |        |   |             |                                       |        | ,       |        |        |        |         | · · · · · · · · · · · · · · · · · · · |       |        |
|          | MEAN      | 1015.6 | 1016.1  | 1016.5      | 1015.7                                | 1012.8 | 1.009.5 | 1009.6 | 1010.3 | 1012.8 | 1017.6  | 1019.41                               | 017.6 | 1014.5 |
| 06       | S D       | 7.483  | 7.231   | 7.336       | 7.648                                 | 6.275  | 5.099   | 4.263  | 4.468  | 5.415  | 6.175   | 6.434                                 | 7.273 | 7.134  |
|          | TOTAL OBS | ***    |   |             |                                       |        |         |        |        |        |         |                                       | 458   | 5349   |
|          |           |        |   |             |                                       |        |         |        |        | 1      |         |                                       |       |        |
|          | MEAN      | 1016.6 | 1016.8  | 1017.2      | 1016.3                                | 1013.1 | 1009.9  | 1010.0 | 1010.7 | 1013.5 | 1018.3  | 1020.41                               | 018.5 | 1015.1 |
| 09       | S D       |        |   |             |                                       |        |         |        |        |        |         | 6,473                                 |       | 7.303  |
| - '      | TOTAL OBS | 451    |   | 478         |                                       |        |         |        |        |        |         |                                       | 460   | 5353   |
|          |           |        |   |             |                                       |        |         |        |        |        |         |                                       |       |        |
|          | MEAN      | 1014.8 | 1015.4  | 1015.8      | 1015.0                                | 1012.3 | 1009.3  | 1009.5 | 1010.0 | 1012.7 | 1017.1  | 1018.81                               | 016.5 | 1013.9 |
| 12       | s o       |        |   |             |                                       |        |         |        |        |        |         | 6.483                                 |       | 7.154  |
|          | TOTAL OBS |        |   | 483         |                                       |        |         |        |        |        |         |                                       | 461   | 5368   |
|          |           |        |   |             |                                       |        |         |        |        |        |         |                                       |       |        |
|          | MEAN      | 1014.1 | 1014.2  | 1014.2      | 1013.6                                | 1010.9 | 1008.3  | 1008.5 | 1008.9 | 1011.6 | 1016.1  | 1018.01                               | 015.7 | 1012.8 |
| 15       | S D       |        |   |             |                                       |        |         |        |        |        |         | 6.396                                 |       | 7.090  |
| ••       | TOTAL OBS | 456    |   | 483         |                                       | 462    |         |        |        |        |         |                                       | 463   | 5383   |
|          |           |        |   | i           |                                       |        |         |        | 1      |        |         |                                       |       |        |
|          | MEAN      | 1015.0 | 1015.1  | 1014.9      | 1013.9                                | 1011.1 | 1008.4  | 1008.6 | 1009.0 | 1012.0 | 1016.8  | 1018.91                               | 016.8 | 1013.4 |
| 18       | S D       |        |   |             |                                       |        |         |        |        |        |         | 6.401                                 |       | 7.171  |
| •        | TOTAL OBS |        |   | 485         |                                       |        |         |        |        | 413    |         |                                       | 458   | 5383   |
|          | 1         |        |   |             |                                       |        |         |        |        |        |         |                                       |       |        |
|          | MEAN      | 1015.7 | 1016.1  | 1016.1      | 1015.5                                | 1012.4 | 1009.4  | 1009.8 | 1010.3 | 1013.1 | 1017.7  | 1019.61                               | 017.4 | 1014.4 |
| 21       | , S D     |        |   |             |                                       |        |         |        |        |        |         | 6.384                                 |       | 7.093  |
|          | TOTAL OBS |        |   |             |                                       | 461    |         |        |        |        |         |                                       | 460   | 5371   |
|          | i         |        | , , <u>, , , , , , , , , , , , , , , , , </u> | 1           | · · · · · · · · · · · · · · · · · · · | 1      |         |        | 1      | 7      | 728     | ,                                     | 7.0   |        |
|          | MEAN      | 1015.3 | 1015.7  | 1015.4      | 1015.1                                | 1012.2 | 1009.1  | 1009.3 | 1009.9 | 1012.6 | 1017.2  | 1019.21                               | 017.1 | 1014.1 |
| ALL      | S D       | 7.450  | 7.197   | 7.489       | 7.607                                 | 6.309  | 5.061   | 4.221  | 4.581  | 5.551  | 6.227   | 6.453                                 | 7.418 | 7.168  |
| HOURS    | TOTAL OBS |        |   | 1 , 2 , 2 , | 3550                                  |        | ~ 4 4 4 | 4444   | 1 4444 | 1 6    | - TREE! | 3501                                  | 7.7   | 42951  |

USAFETAC FORM 0 89-5 (OLI)